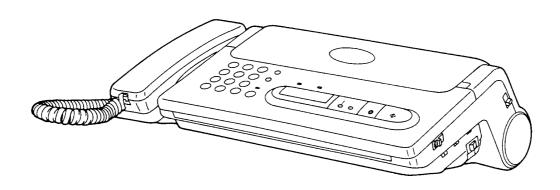
ORDER NO. KM49209291C3

Service Manual and Technical Guide

PERSONAL FACSIMILE

KX-F76
(for Taiwan)



SPECIFICATIONS\TEXHUYECKUE XAPAKTEPUCTUKU
MAINTENANCE ITEM\TOYKU CEPBUCHOFO ОБСЛУЖИВАНИЯ
TROUBLESHOOTING GUIDE\HEUCПРАВНОСТИ И МЕТОДЫ ИХ УСТРАНЕНИЯ
DISASSEMBLY INSTRUCTIONS\METOДИКА РАЗБОРКИ
BLOCK DIAGRAM\БЛОК-СХЕМА
OVERALL CIRCUIT DIAGRAM\CXEMA COEДИНЕНИЯ ПЛАТ И УЗЛОВ
SCHEMATIC DIAGRAMS\ПРИНЦИПИАЛЬНЫЕ СХЕМЫ
CABINET, MECHANICAL AND ELECTRICAL PARTS LOCATION\PACПОЛОЖЕНИЕ
ЧАСТЕЙ КОРПУСА, MEXAHUYECKUX И ЭЛЕКТРИЧЕСКИХ ЧАСТЕЙ
ACCESSORIES AND PACKING MATERIALS\ПРИНАДЛЕЖНОСТИ И УПАКО-ВОЧНЫЕ МАТЕРИАЛЫ
REPLACEMENT PARTS LIST\СПИСОК ЗАПАСНЫХ ЧАСТЕЙ

Panasonic

SPECIFICATIONS

1. TRANSMISSION SECTION

	item	Description
1	Reading	CCD Image Sensor
2	Width of reading	252 mm (B4), 208 mm (A4)
3	Main scanning density	8 pels/mm
4	Side scanning density	3.85, 7.7, 15.4 line/mm
5	Synchronous form	Transmission Synchronism

2. RECEPTION SECTION

	ltem	Description
1	Reading	Thermal Recording
2	Size of recording paper	Standard 257×30 m roll paper (B4) 210×30 m roll paper (A4)
3	Width of recording	252 mm (B4), 208 mm (A4)
4	Main scanning density	8 pels/mm
5	Side scanning density	3.85, 7.7, 15.4 line/mm
6	Synchronus form	Transmission Synchronism

3. MODEM SECTION

	Items			Desc	ription	
1	Transmission mode	V. 29		V. 27 ter		V. 21
2	Modulating mothod	16 Pt. QAM	8 Pt. QAM	8 Pt. PHM	4 Pt. PHM	FSK
3	Transmission speed (bps)	9600	7200	4800	2400	300
4	Modulating speed (Band)	2400	2400	1600	1200	300
5	Carrir frequency	1700		18	00	f (A)=1850 f (Z)=1650
6	Detection method	Synchronizing detection		Synchronizir	ng detection	FS
7	Tonal signal	2100 Hz (CED), 1100 Hz (CNG)				

4. POWER SUPPLY SECTION

	Items	Description			
1	Input power supply	AC 110 V±10%	60 Hz		
2	Insulation resistance	More than 10 MΩ between input power supply and earth			
3	Power consumption	Standby Transmission Reception Copy	8 W 18 W 30 W 35 W	MAX 150 W	
4	Output power supply	+5 V, +12 V, -12 V, +24 V			

5. ENVIRONMENT

Items		Description
1	Ambient air temperature	from 5°C to 35°C
2	Relative temperature	from 45% to 85%

6. SIZE AND WEIGHT

Items		Description
1	Size W: 391 mm, D: 233 mm, H: 115 mm	
2	Weight	about 3.2 kg (Unit)

MAINTENANCE ITEM

1. OUTLINE

MAINTENANCE AND REPAIRS ARE PERFORMED USING THE FOLLOWING STEPS.

1) Periodic maintenance

Inspect the equipment periodically and if necessary, clean any contaminated parts.

2) Check for breakdowns

Look for signs of trouble and consider how the problems arose.

If the equipment can still be used, perform a copying, self testing or communications testing.

3) Check equipment

Perform a copying, self testing and communications testing to determine if the problem originates from the transmitter, the receiver or the telephone line.

4) Determine causes

Determine the causes of equipment trouble by troubleshooting.

5) Equipment repairs

Repair or replace the defective parts and take appropriate measures at this stage to ensure that the problem does not recur.

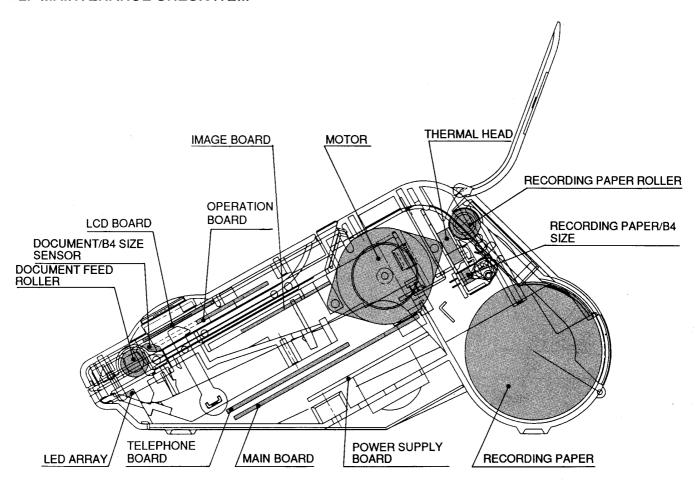
6) Confirm normal operation of the equipment

After completing the repairs, conduct copying, self testing and communications testing to confirm that the equipment operates normally.

7) Record keeping

Make a record of the measures taken to rectify the problem for future reference.

2. MAINTENANCE CHECK ITEM



NO.	OPERATION	CHECKITEM	REMARKS
1	Document Path	Remove any foreign matter such as paper.	
2	Rollers	If the roller is dirty, clean it with a damp cloth then dry thoroughly.	See pages 22, 27.
3	Thermal Head	If the thermal head is dirty, clean the printing surface with a cloth moistened with denatured alcohol (alcohol without water), then dry thoroughly.	See page 27.
4	LED Array	If the LED Array is dirty, clean the glass with dry soft cloth.	See page 27.
5	Sensor & Switch	Recording Paper Sensor (PC301, 302), Document Sensor (PC201, 203), Confirm operation of sensor.	See pages 12-15.
6	Abnormal, wear and tear or looseness of parts	Exchange the part. Check the tightness of screws on each parts.	

Note:

Print out the RAM data (user setting and service mode setting) in case an unexpected accident occurs during servicing. After servicing, print out the data again to confirm it.

TROUBLESHOOTING GUIDE

1. SERVICE FUNCTION

1-1. OPERATION

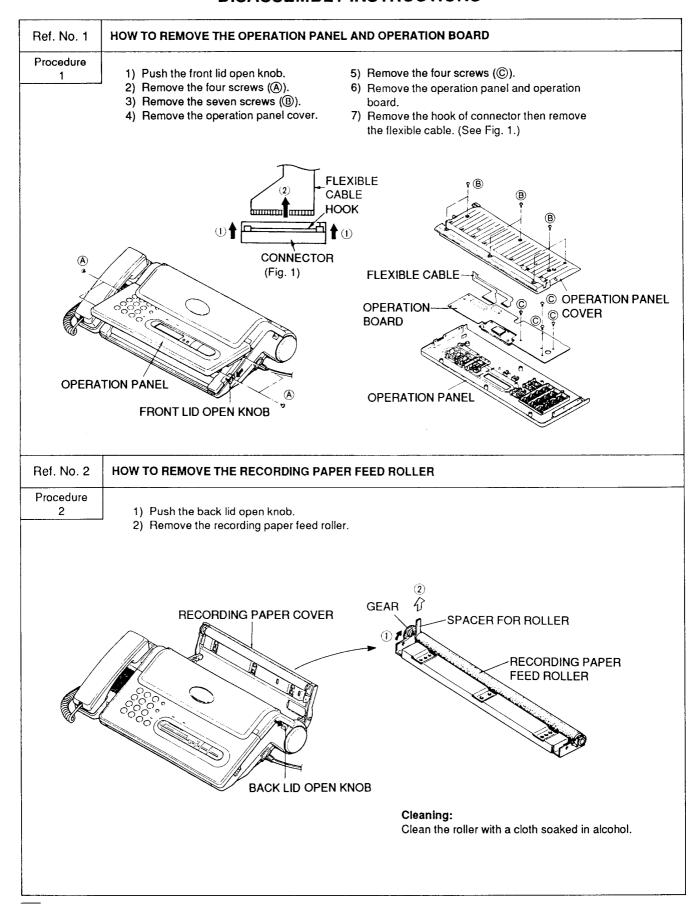
- 1. Set the FUNCTION Switch to ON.
- 2. Press The AUTO/ABSENCE and START/COPY button.
- 3. Select the Code No. (Press the RESOLUTION and AUTO/ABSENCE button.)
- 4. Press the START/COPY button.
- 5. Change the value. (Press the AUTO/ABSENCE button.)
- 6. Press the START/COPY button.
- 7. Set the FUNCTION Switch to OFF.

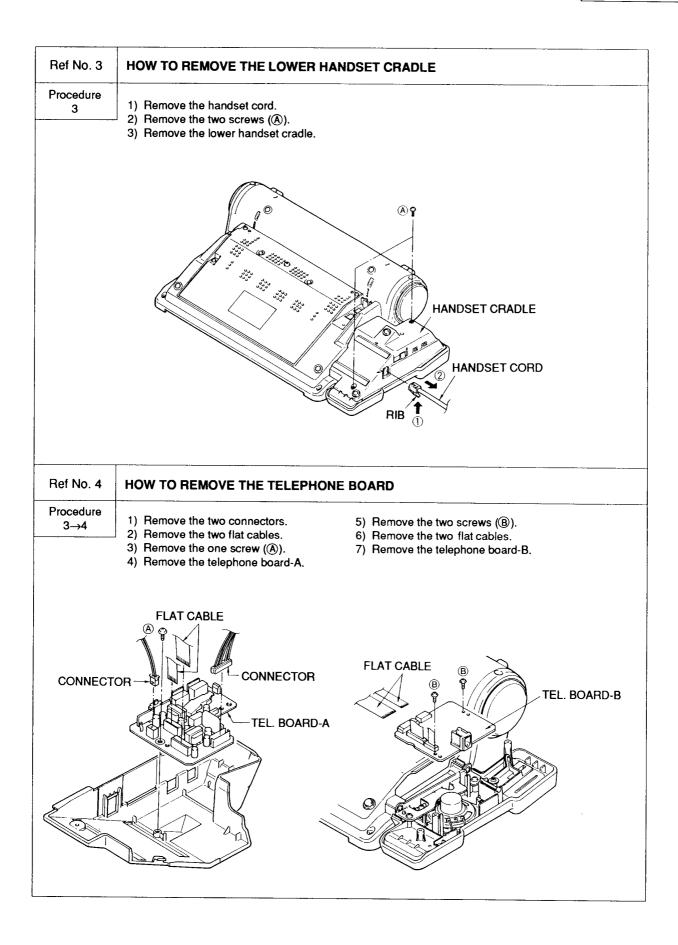
1-2. SERVICE FUNCTION TABLE

CODE	FUNCTION	SELECTABLE VALUE	VALUE
		(DEFAULT)	
500	SERVICE LIST	YES	YES/OFF
520	CED	2100Hz	2100 Hz/1100 Hz
521	INTL MODE	ON	ON/OFF
523	RCV EQ.	1.8Km	0.0/1.8/3.6/7.2
524	XMT EQ.	1.8Km	0.0/1.8/3.6/7.2
548	TSI SEND	ON	ON/CSI/OFF
549	CSI SEND	ON	ON/OFF
550	FACTORY SET	NO	YES/NO
551	ROM	F211A 38A3	
554	MODEM TEST	OFF	ON/OFF
555	SCAN CHECKTEST	OFF	ON/OFF
556	MOTOR TEST	OFF	ON/OFF
557	LED TEST	OFF	ON/OFF
558	LCD TEST	OFF	ON/OFF
559	DETECT JAM	ON	ON/OFF
563	CCD POSITION	-2mm	-4-*3
575	OFFHOOK ALARM	ON	ON/OFF
586	W.L.SKIP1	ON	ON/OFF
587	W.L.SKIP2	ON	ON/OFF
588	SHORT PRTCL	OFF	ON/OFF
592	CNG SIGNAL	ON	ON/OFF
593	CED INTVAL	75ms	75/500/1000
594	DIS IGNORE	ON	OFF/ON
595	ERROR LINES	96	32/64/96/128/160/192/224/255
596	XMT LEVEL	-10dBm	-15->0
597	XMT SPEED	AUTO	AUTO/9600/7200/4800/2400
705	ID PRINT	ON	ON/OFF
717	XMT START	9600bps	9600/4800
718	RCV START	9600bps	9600/4800
757	DTMF TIME	25ms	15/25/50/100
759	OGM TIME	10s	199
761	FAX DET. TIM	6.0s	3.8/4.5/6.0/9.0
770	ORIG. MODE	ON	ON/OFF
771	T1 TIMER	38s	38/48

CODE	FUNCTION	SELECTABLE VALUE	VALUE
		(DEFAULT)	
772	PREAMBLE	1000ms	900/1000/1100
773	DIS-DCS	460ms	100/460/1000
774	LIGHT ORIG.	OFF	ONOFF
780	REMOTE CODE	* 9	00>**/of
783	ICM TIME	000s	000->999
785	BELL TEST	OFF	ONOFF
786	RING BCKTONE	OFF	ON/OFF
787	COMM. TEST	OFF	ON/OFF
788	SHADING	OFF	ON/OFF

DISASSEMBLY INSTRUCTIONS





Ref. No. 5 HOW TO REMOVE THE SPEAKER AND UPPER HANDSET CRADLE Procedure 1) Remove the two screws (A). 3→4→5 2) Replace the speaker. 3) Remove the two screws (B). 4) Remove the one screw (©), and remove the hook button. 5) Replace the upper handset cradle. **SPEAKER HOOK BUTTON** UPPER HANDSET CRADLE

Ref. No. 6 **HOW TO REMOVE THE LOWER CABINET** Procedure 1) Open the recording paper cover. 3→4→5→6 4) Remove the connector. (See Ref. No. 2.) 5) Remove the six screws (B). 2) Remove the three screws (A). 6) Remove the lower cabinet. 3) Remove the bottom plate. LOWER CABINET **BOTTOM PLATE** CONNECTOR Ref. No. 7 HOW TO REMOVE THE RECORDING PAPER SENSOR LEVER Procedure 3→4→5→6→7 1) Remove the two screws (A). 2) Replace the recording paper sensor lever. RECORDING PAPER SENSOR LEVER

Ref. No. 8 HOW TO REMOVE THE POWER SUPPLY AND MAIN BOARDS **Procedure** 1) Remove the four screws (A). 3→4→5→6→8 5) Remove the sheet. 2) Remove the four connectors. 6) Remove the four screws (B). 3) Remove the earth wire. 7) Remove the eleven connectors. 4) Remove the power supply aboard. 8) Remove the main boards. SHEET **EARTH WIRE** POWER SUPPLY BOARD CONNECTOR CONNECTOR MAIN BOARD CONNECTÓR CONNECTOR CONNECTOR CONNECTOR Ref. No. 9 HOW TO REMOVE THE CCD UNIT Procedure $3\rightarrow 4\rightarrow 5\rightarrow 6\rightarrow$ 1) Remove the two screws (A). 2) Remove the CCD unit by keeping the lever depressed in the direction of the arrow to replace the CCD unit. 8→9 Remove the Document Sensor Board (refer to No. 10 on page 27) and the core from the old CCD unit and install it in the new one. **CCD UNIT** CORE Note: Never subject the center part of the CCD unit to strong pressure.

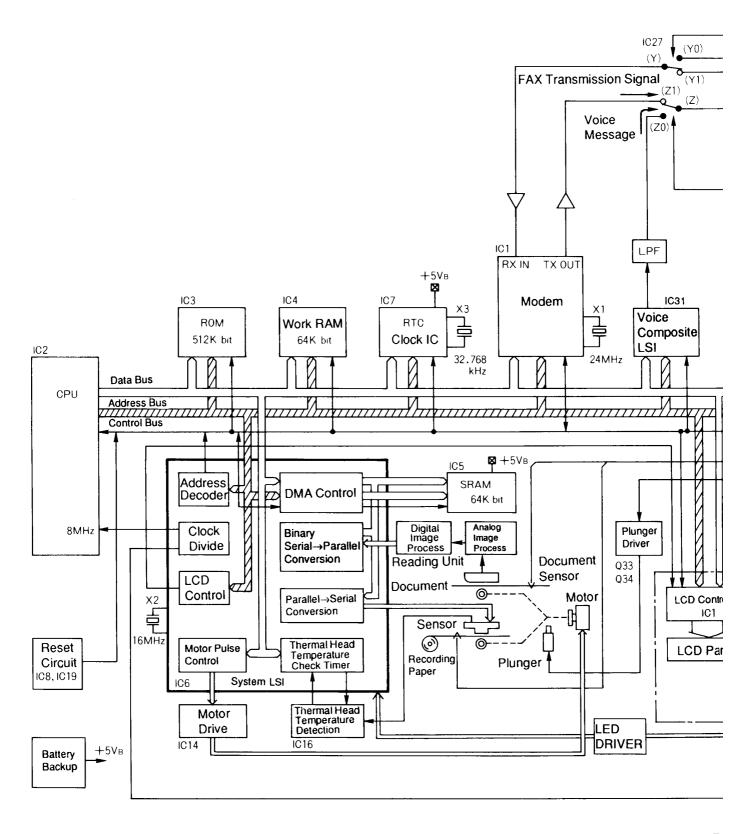
Ref. No. 10 HOW TO REMOVE THE DOCUMENT FEED ROLLER AND DOCUMENT SENSOR BOARD **Procedure** (DOCUMENT FEED ROLLER) 3→4→5→6→ 1) Remove the document feed roller. 8→9→10 (DOCUMENT SENSOR BOARD) 1) Remove the cover. 2) Remove the document sensor board. SPACER FOR ROLLER DOCUMENT SENSOR BOARD COVER DOCUMENT FEED ROLLER GLASS Cleaning: Clean the roller and glass with a cloth soaked in alcohol. Ref. No. 11 HOW TO REMOVE THE THERMAL HEAD UNIT AND RECORDING PAPER SENSOR BOARD Procedure 5) Remove the two screws (B), and remove the 1) Remove the retaining ring, and remove $3\rightarrow 4\rightarrow 5\rightarrow 6\rightarrow$ the recording paper cover lock plate. recording paper sensor board. 7→11 2) Remove the two screws ((A)). 6) Install the new thermal head unit and the 3) Remove the thermal head unit. recording paper sensor board. 4) Remove the two connectors from thermal head unit. CONNECTOR RECORDING PAPER COVER LOCK PLATE RETAINING RING RECORDING PAPER SENSOR **BOARD** THERMAL HEAD UNIT

alcohol.

Clean the printing surface of thermal head with a cloth soaked in

Ref. No. 12 HOW TO REMOVE THE DRIVING PART Procedure 1) Remove the retaining ring, and remove 4) Remove the two screws (B). $3\rightarrow 4\rightarrow 5\rightarrow 6\rightarrow$ the recording paper cover lock plate. 5) Replace the driving part. 12 2) Remove the two screws (A). 3) Remove the thermal head unit. **RECORDING PAPER COVER** LOCK PLATE RETAINING RING THERMAL HEAD UNIT DRIVING PART Ref. No. 13 HOW TO REMOVE THE IMAGE BOARD Procedure 3→4→5→6→ 1) Remove the flat cable and flexible cable. 8→9→13 2) Remove the two screws (A). 3) Remove the image board. FLEXIBLE CABLE FLAT CABLE IMAGE BOARD

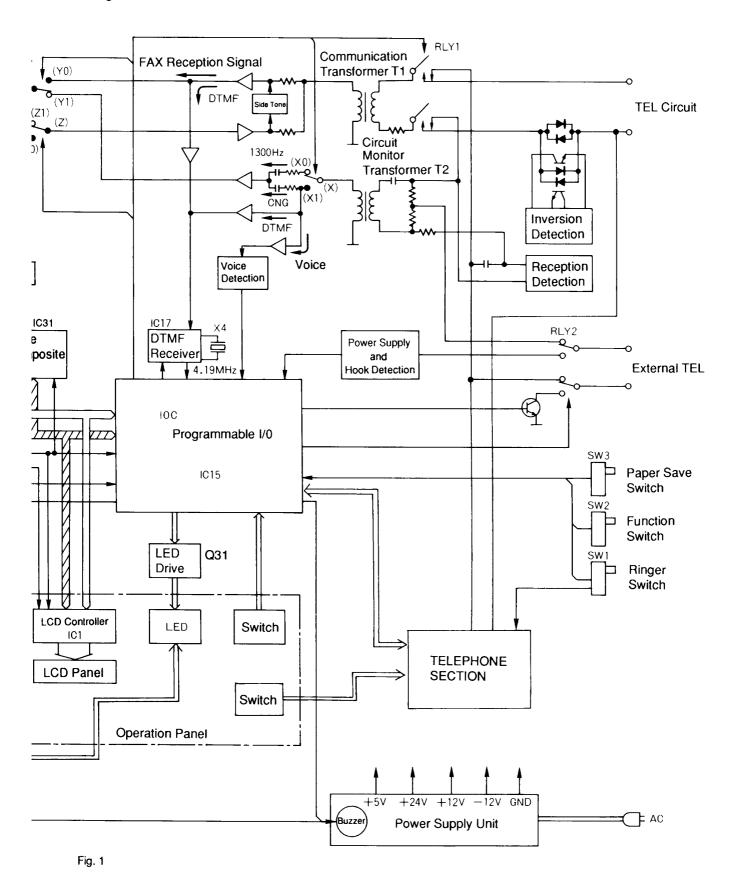
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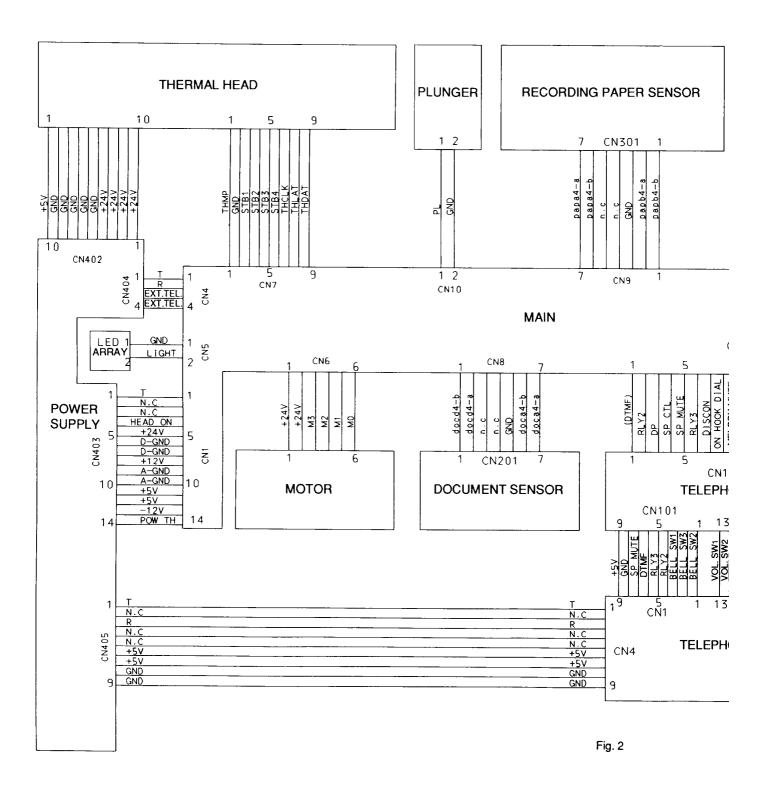




Block Diagram

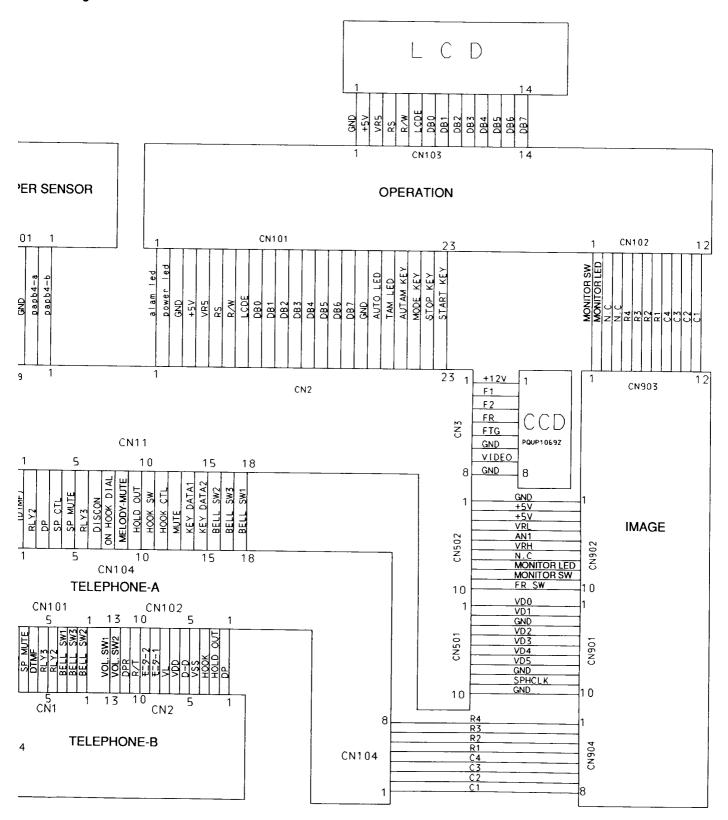


Overall Circuit Diagram

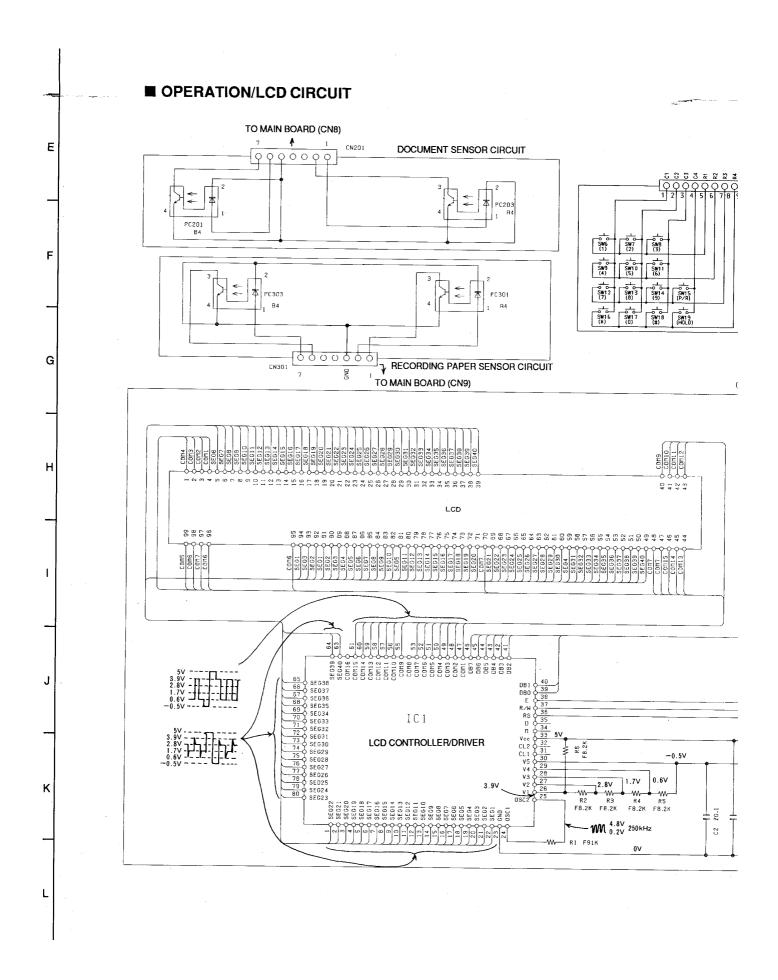


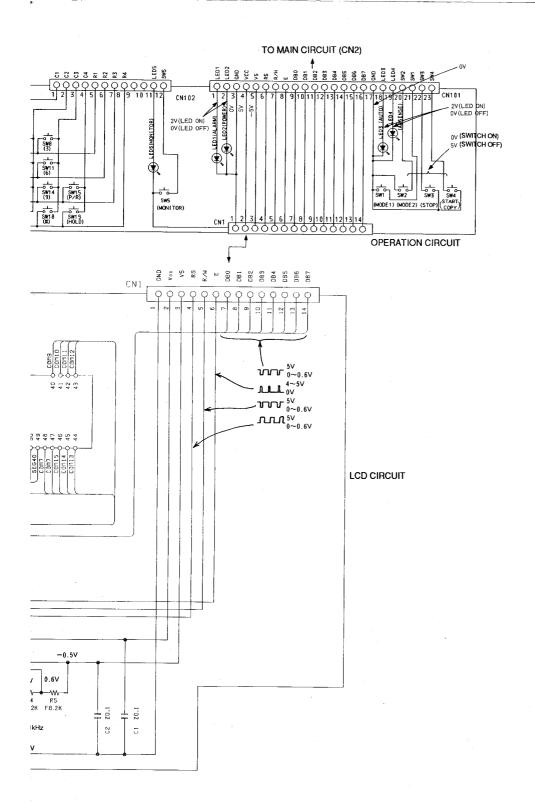


Il Circuit Diagram

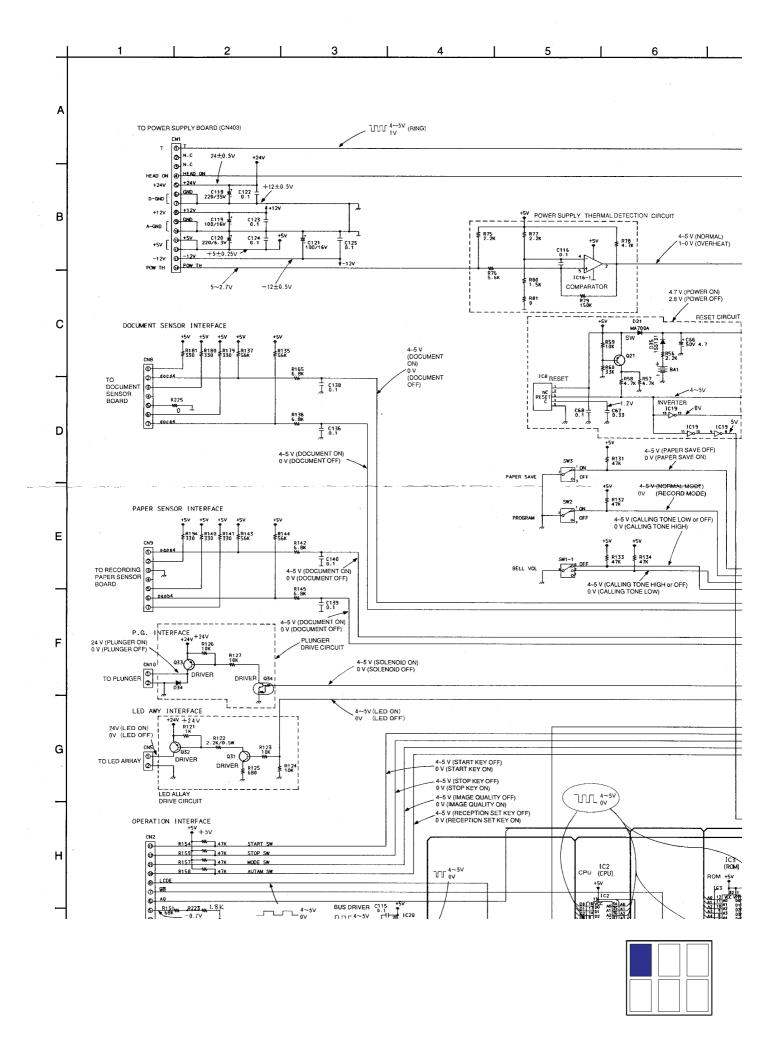






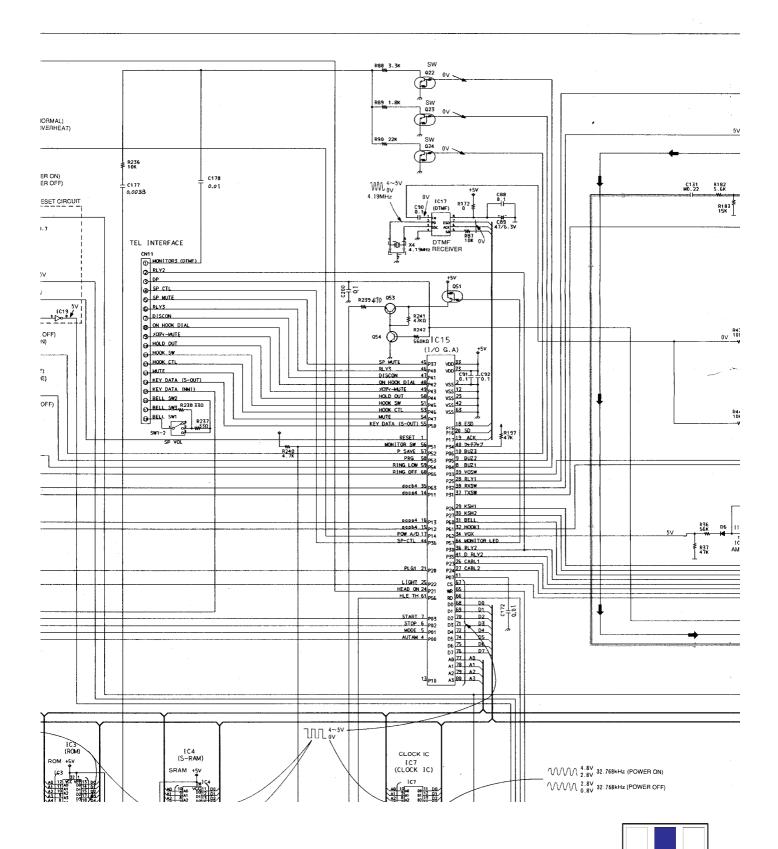




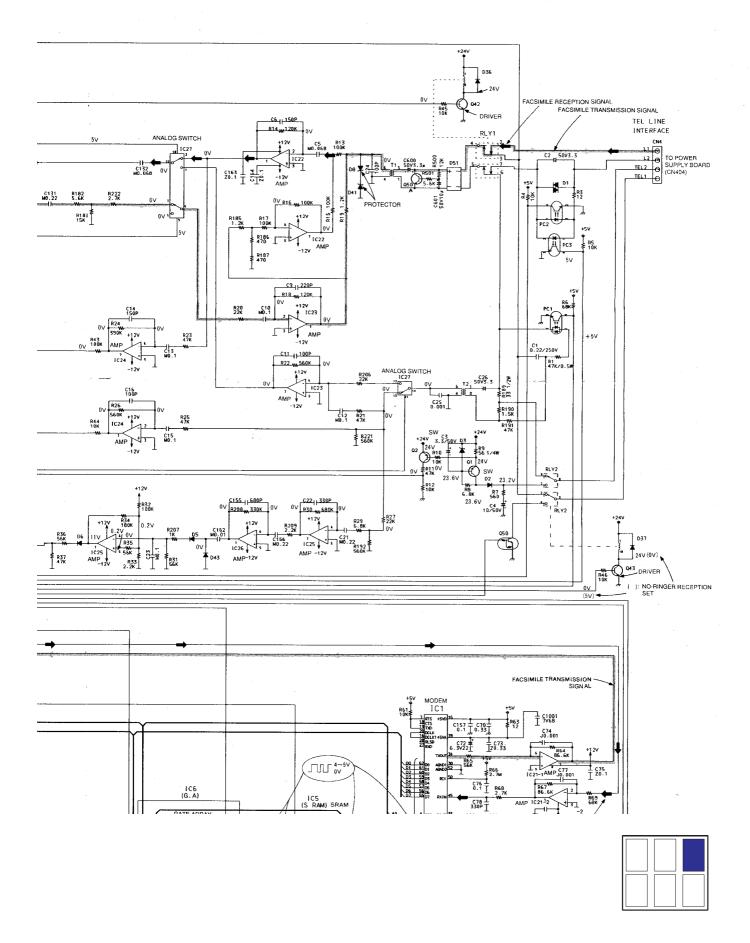


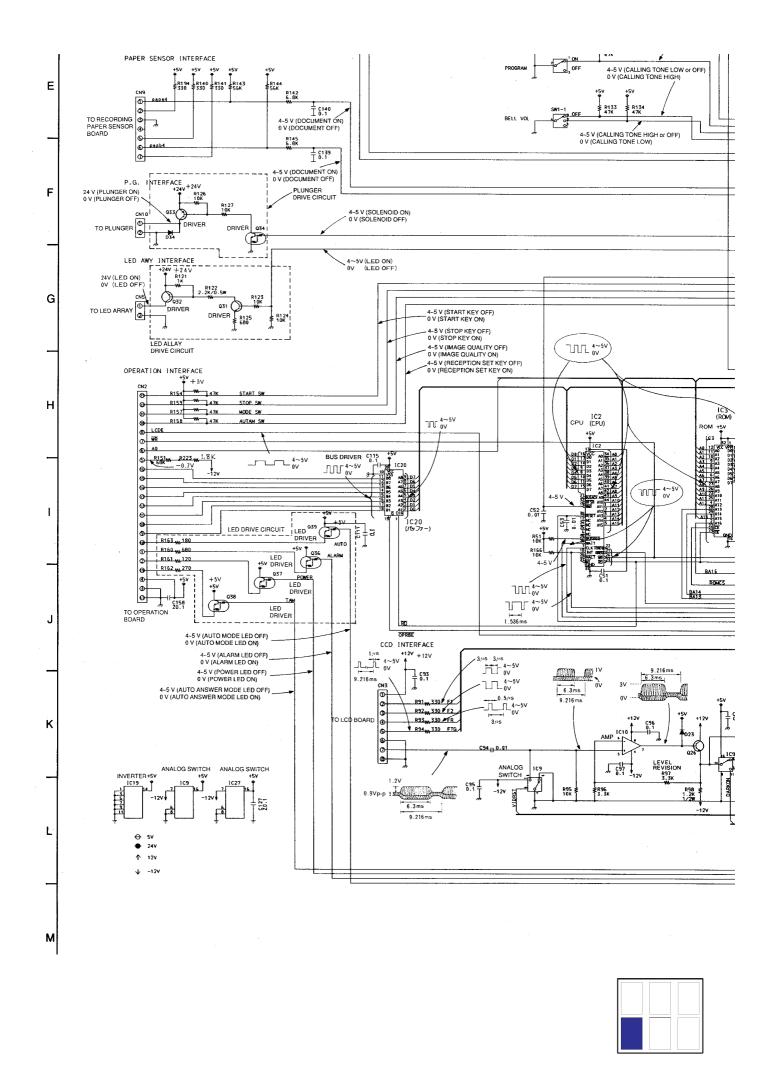
SCHEMATIC DIAGRAM

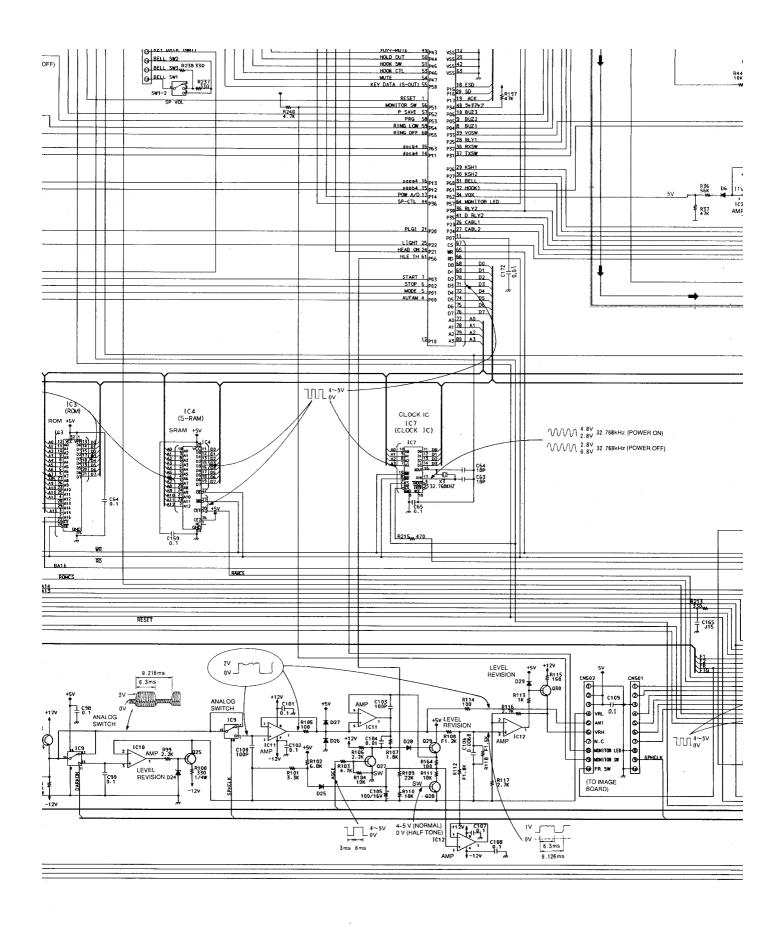
<u>| 7 | 8 | 9 | 10 | 11 | 12 | 1</u>

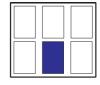


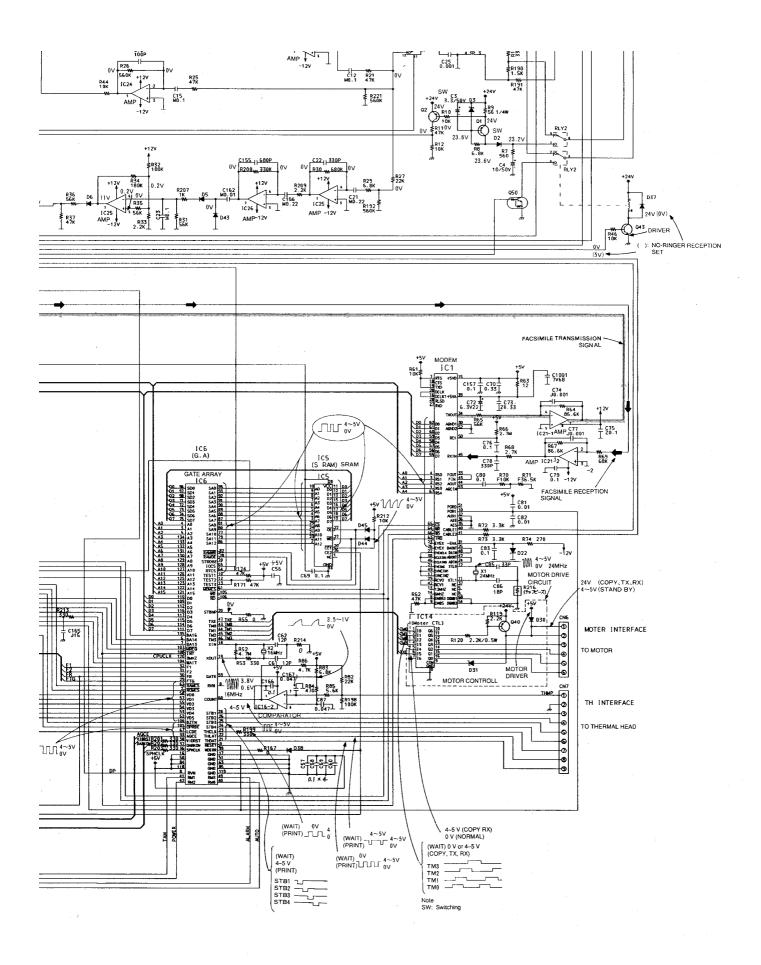
<u>| 13 | 14 | 15 | 16 | 17 | 18 | </u>

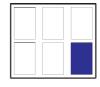




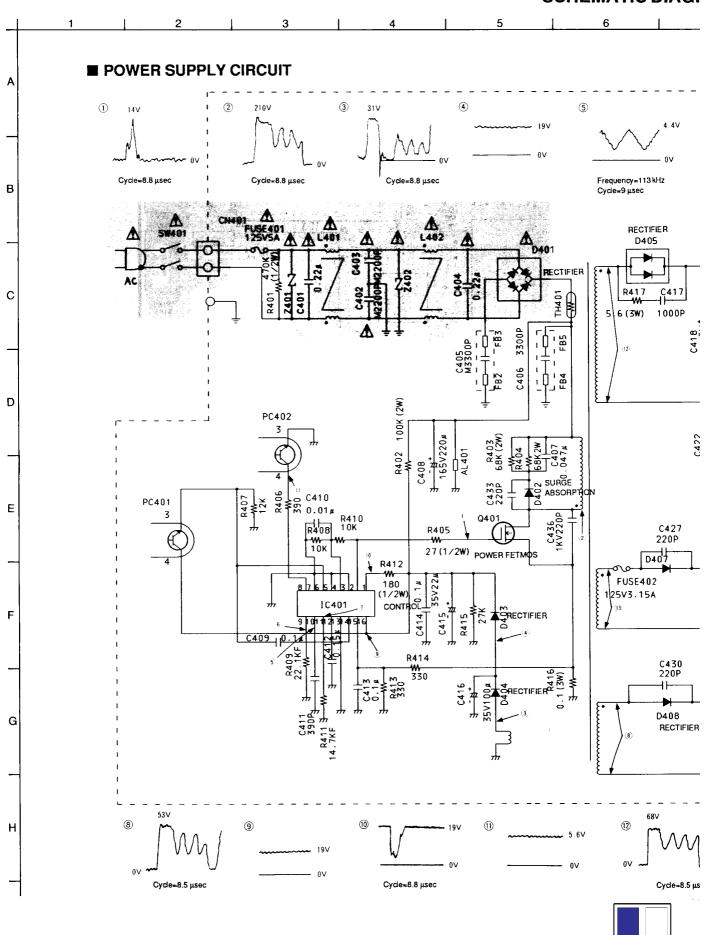






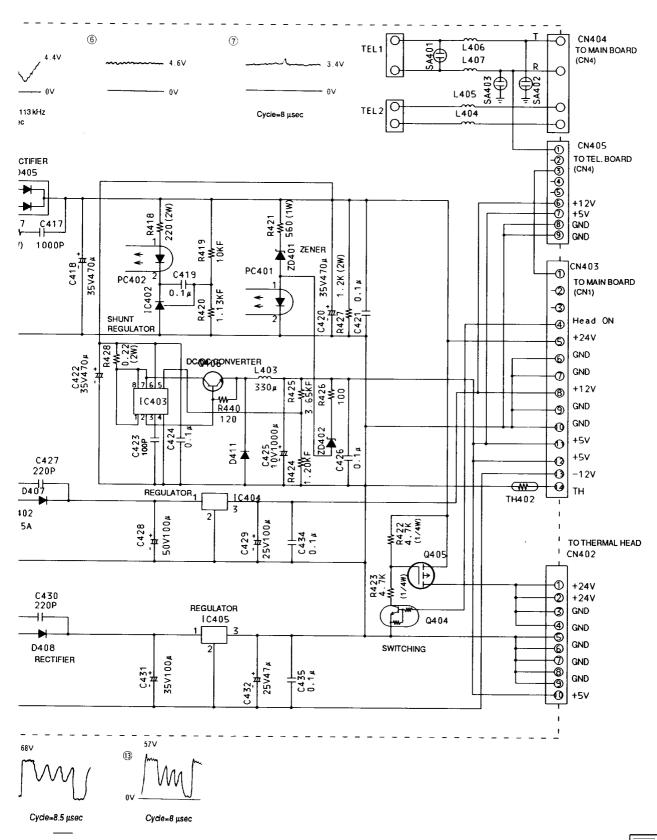


SCHEMATIC DIAGI

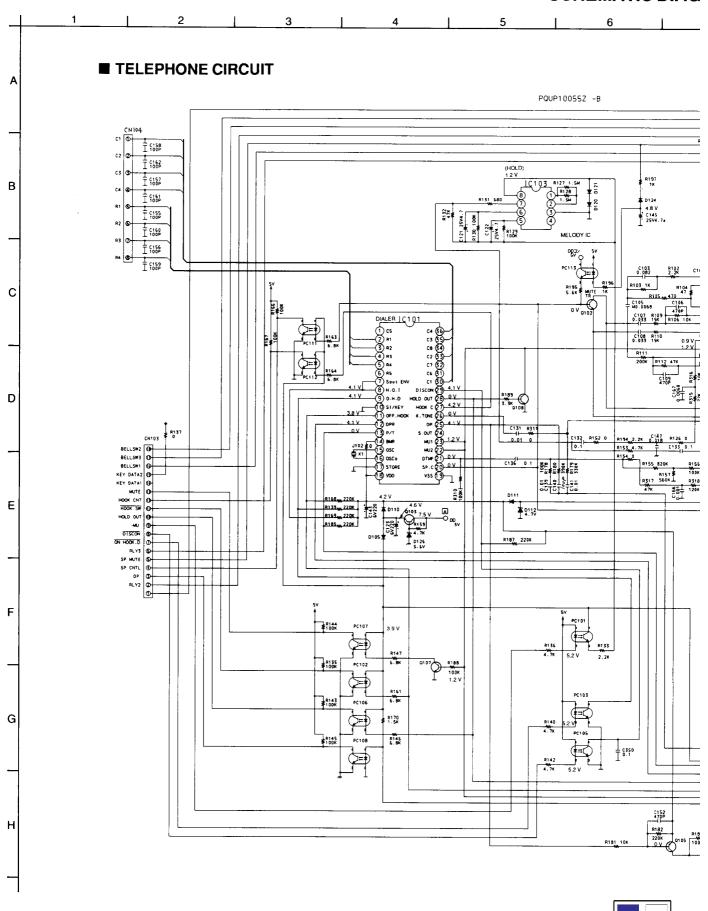


CDIAGRAM



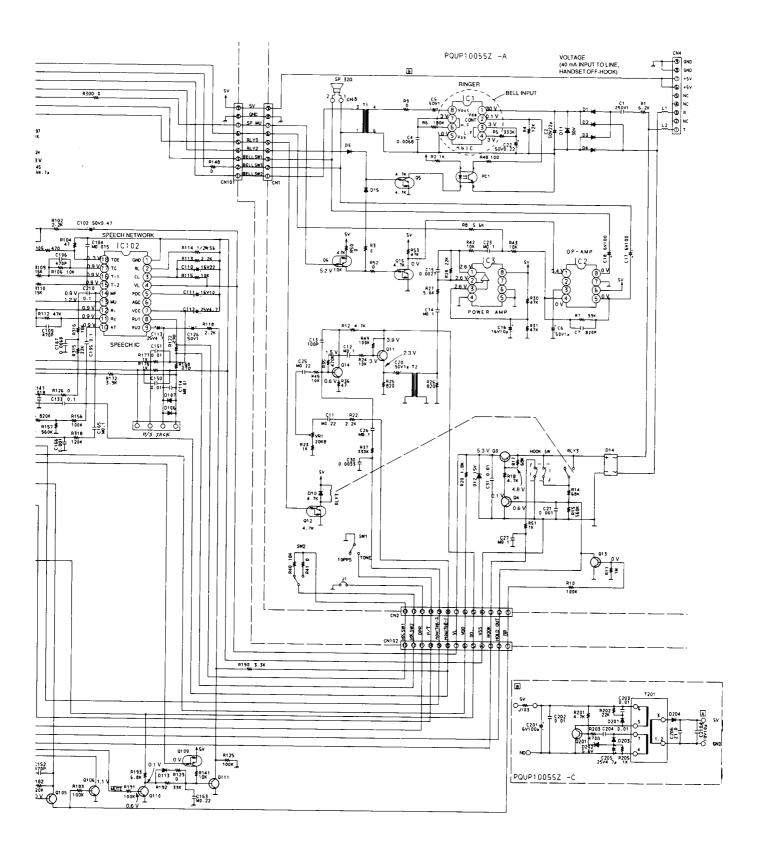


SCHEMATIC DIAG



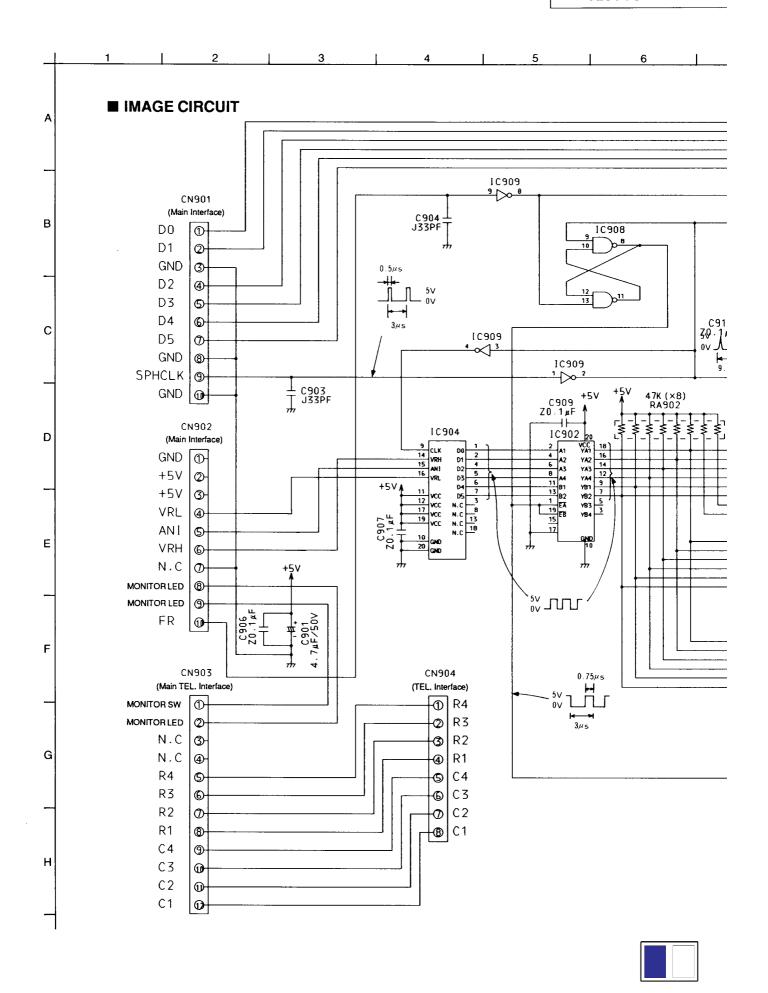
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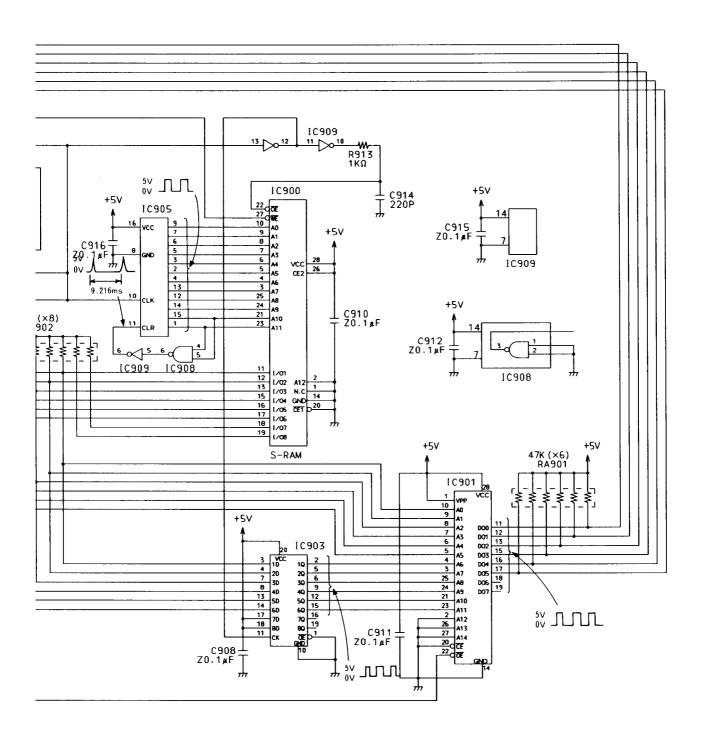


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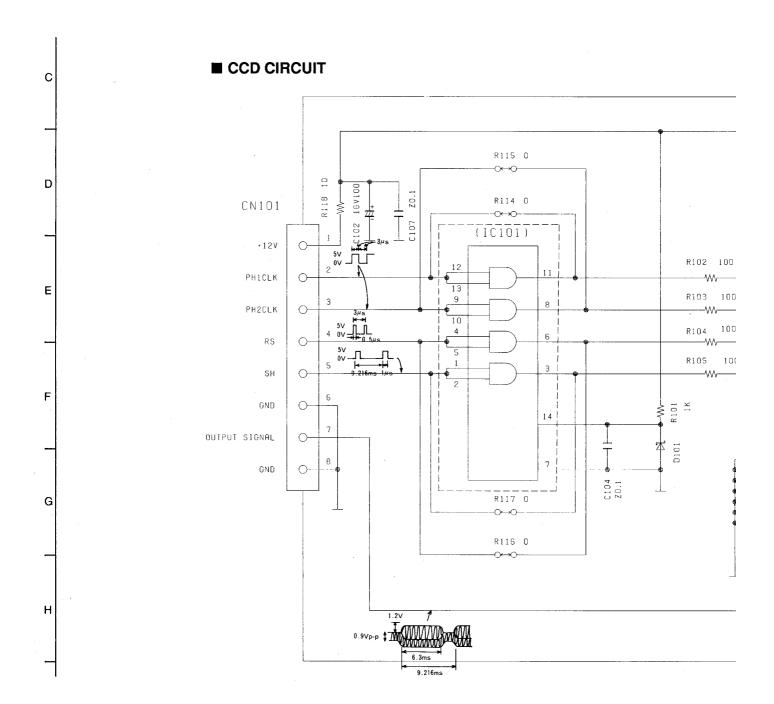
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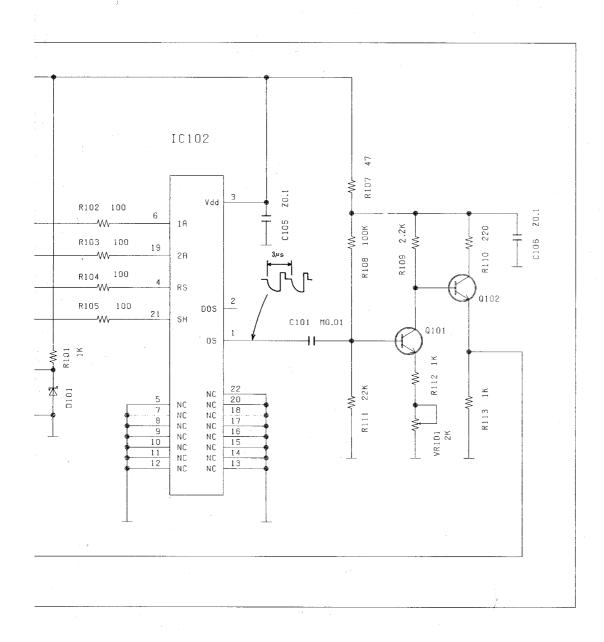
| 7 | 8 | 9 | 10 | 11 | 12 |





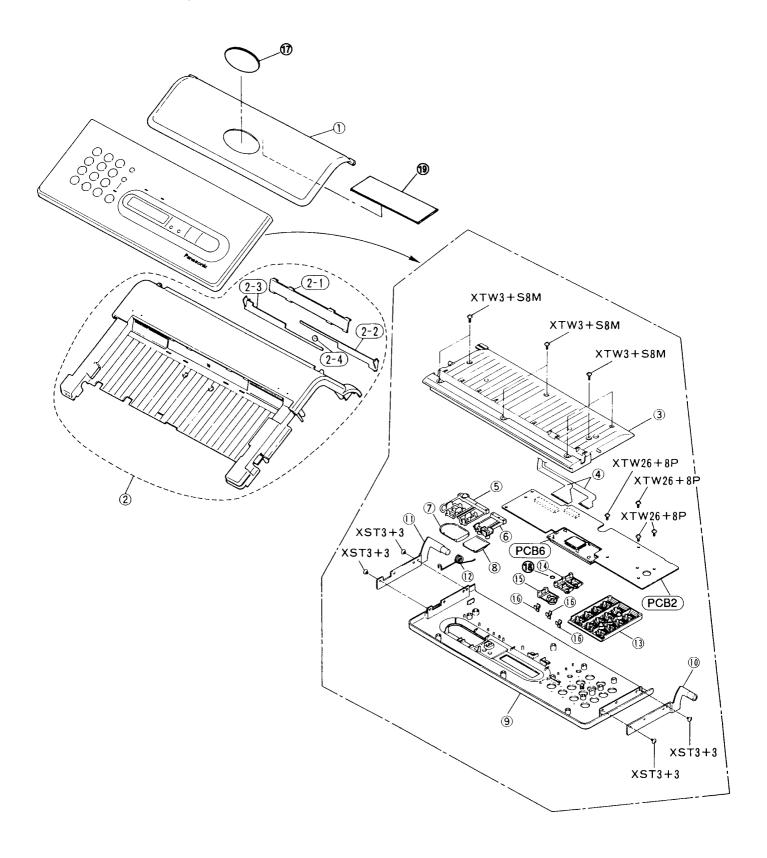


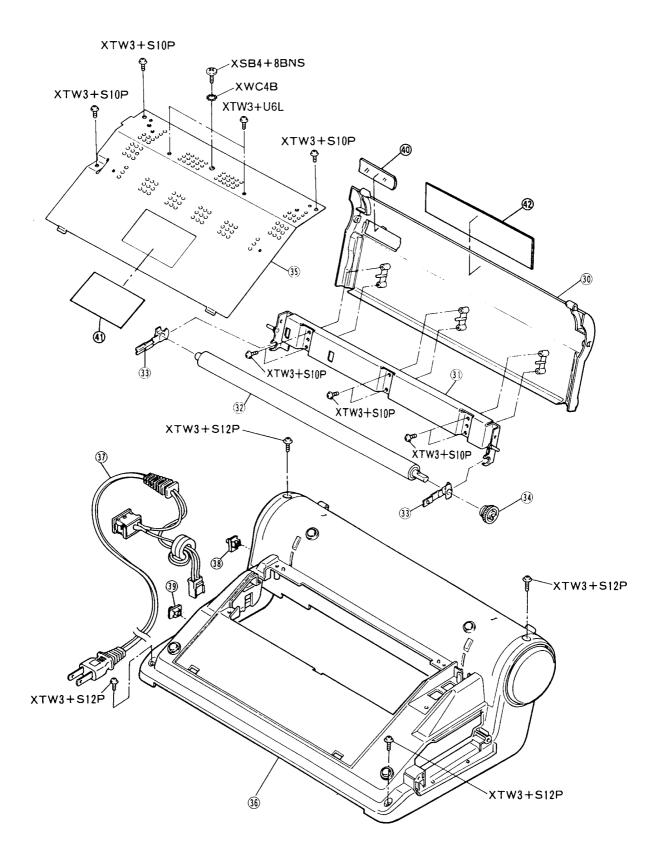


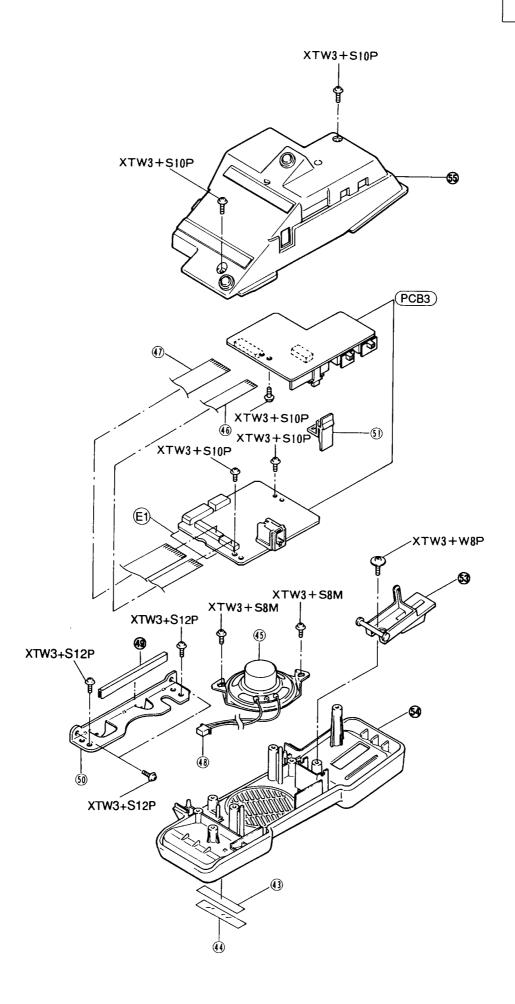


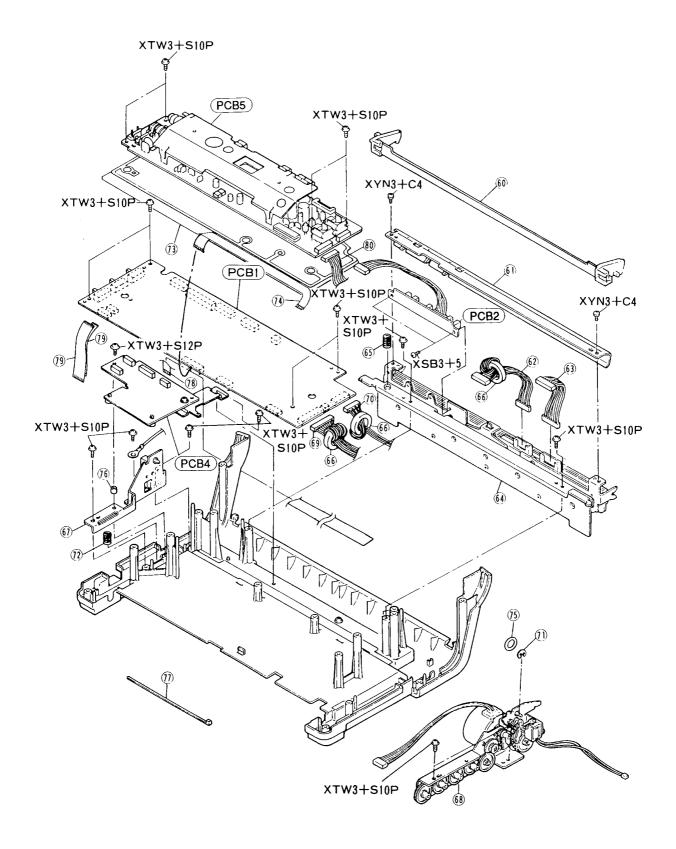


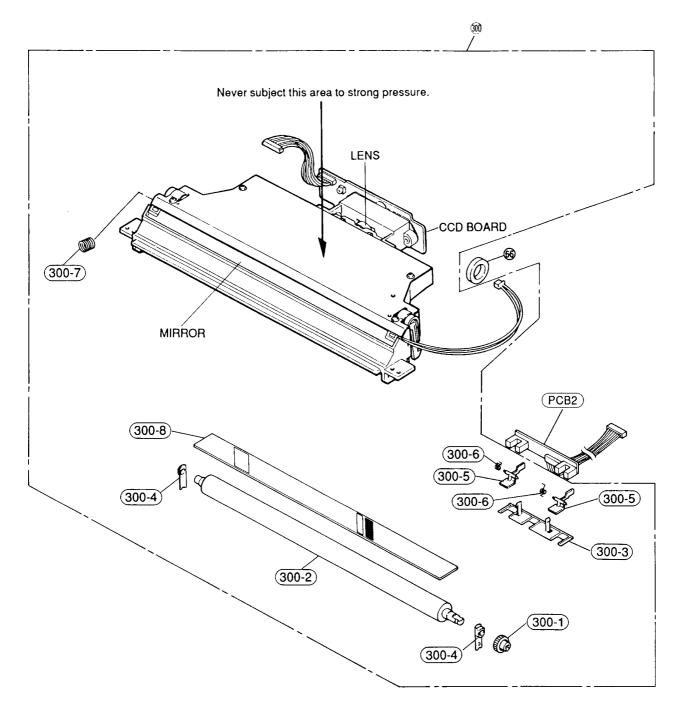
CABINET, MECHANICAL AND ELECTRICAL PARTS LOCATION







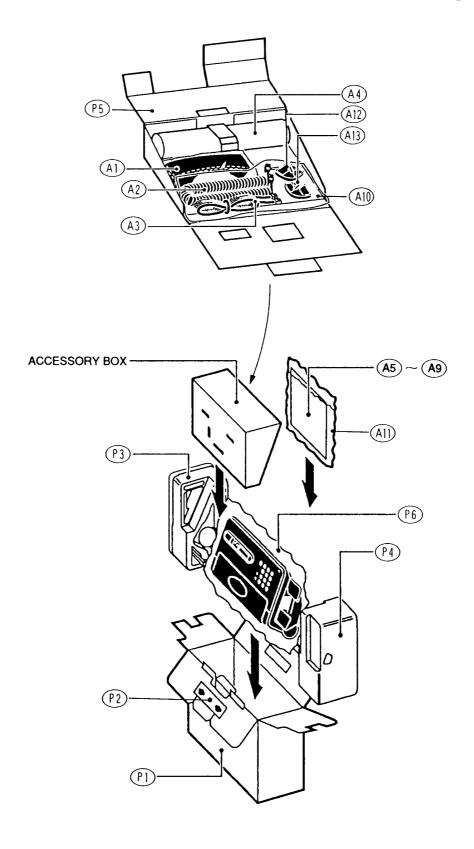




Note:

Be careful not to move the lens, mirror, or the CCD board, etc. Otherwise, the CCD will be out of adjustment.

ACCESSORIES AND PACKING MATERIALS



This Replacement List is Taiwan version only. Refer to the simplified manual (cover) for other areas.

			ial (cover) for o T PARTS LIST	tilei aleas.		Ref. No.	Part No.	Part Name & Description	Pcs
Notes:	(Retention Time Limited)						1007100		
The marking (RTL) indicates that the Retention Time is limited for this item.				42	PQQT10213Z PQHP506Z	CAUTION LABEL-B CARD, TEL.	1 1		
After the discontinuation of this assembly in production, the item will continue to be					44	PQHR518Z	TRANSPARENT PLATE, TEL. CARD	;	
available for a specific period of time. The retention period of availability is					45	PQAS5P05Y	SPEAKER	;	
dependant on the type of assembly, and in accordance with the laws governing					46	PQJE10009Z	FLAT CABLE, 9P	1	
part and product retention.					47	PQJE10010Z	FLAT CABLE, 13P	1	
After the end of this period, the assembly will no longer be available.					48	PQJS2L103Z	CONNECTOR, 2P	1	
	ant safety notice				_	49	PQHR10044Z	COVER	1
			rk special characteris				DOI # 14 00007	l	1.
			nents, use only manu ard parts and may diff			50	PQMH10006Z	ANGLE	1 !
DECIC	TORS & CAPAC	PITORS	ard parts and may din	er from production	ı parts.	51 53	PQBD10005Z PQBH10005Z	KNOB, VOLUME KNOB, HOOK	1 !
	otherwise spec					54	PQKM10010Z	HANDSET CRADLE, UPPER	1
	stors are in ohm	•	Ω, M=1000KΩ			55	PQYM2F76XTW	HANDSET CRADLE ASS'Y, LOWER	;
	acitors are in Mi							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1
	Wattage of Re	sistor				60	PQZU1KXPW1	METAL PLATE,	1
Type							i	RECORDING PAPER COVER LOCK	1
ERC: So		Metal Film	PQ4R: Carbon		- 1	61	PQZLKXPW1	LEVER, SENSOR	1
ERD: Ca		Metal Oxide	ERS: Fusible Resis		- 1	62	PQJS9M44Y	CONNECTOR, 9P	1
PQRD:		Metal Film	ERF: Cement Resi	stor		63	PQJS10M48Z	CONNECTOR, 10P	1 1
Watta 10, 16:		: 1/4)A/ IZA	0: 1/2\M Ia. a.	W 10:04'	9. 0144	64	PQWEKXPW1	THERMAL HEAD ASS'Y	1 !
Type	1/04V [14, 25	i: 1/4W 12	2: 1/2W	W 2: 2W	3: 3W	65 66	PQUS299Z	SPRING, THERMAL HEAD	1 1
	Semi-Conductor	FCCD	, ECKD, ECBT, PQC	BC: Ceramic	 1	67	PQLB1E1 PQZU2KXPW1	CORE ANGLE, RECORDING COVER LOCK	2
ECOS:			, ECQV, ECQG: Poly			68	PQZEKXPW1	GEAR CHASSIS ASSY	
PQCUV			ECSZ: Electrolytic			69	PQJS12R24Y	CONNECTOR, 12P	;
ECOMS			: Polypropylene			11			Ι΄
Voltag						70	PQJS4M33Z	CONNECTOR, 4P	1
ECQ Ty		ECSZ	Туре	Others		71	XUC25FY	RETAINING RING	1
	ECQV T					72	PQUS10004Z	SPRING	1
1H: 50V		0F: 3.1		1V: 35V		73	PQMX10003Z	INSULATOR SHEET	1
2A: 100		1A: 10		50, 1H: 50\	/	74	PQJE10008Z	FLAT CABLE, 18P	1
2E: 250		1V: 35	i i	1J: 63V		75	PQNP10001Z	WASHER	1
2H: 500	v	OJ: 6.3	3V 1E, 25: 25V	2A: 100V		76	PQHR10004Z	SPACER, IMAGE BOARD	1 1
Ref. No.	Part No.	Т	Part Name & Descr	intian	Pcs	77	POHR10006Z	BAND, LEAD WIRE	1 !
1161. 140.	l raitivo.		Fart Name of Desc	iption	[3	78 79	PQJE10011Z PQJE10004Z	FLAT CABLE, 8P FLAT CABLE, 10P	1 1
	CABINET	MECHANIC	AL AND ELECTRICA	AL PARTS	!	80	PQJS06R23Z	CONNECTOR, 6P	2
							. 0000011202		'
1	PQKE114W		MENT TRAY		1]	<u> </u>		1
2	PQYM1F76XT	1	R CABINET ASS'Y		1	11		CCD UNIT PARTS	
2-1 2-2	PQHR9711Y PQHR9710Z	GUIDE	R, GUIDE		1	 _ _ _ _ _ _	Inconversy	Joon Liver Loons	
2-2	PQHR9709Z	GUIDE				300 300-1	PQSGX017Y PQDG5074Z	CCD UNIT ASS'Y GEAR	1 !
2-4	PQDG5078Z	GEAR	-		;	300-2	PQDN31Z	ROLLER, DOCUMENT FEED	1 1
3	PQUV126W	1	R, OPERATION PAN	EL	l i	300-3	PQHR9713Z	COVER	1
4	PQUP10098Z		BLE CABLE		Ιi	300-4	PQHR10040Z	SPACER, DOCUMENT FEED ROLLER	2
5	PQHR9729Y	PLAST	IC PARTS, BUTTON	1	1 1	300-5	PQHR9719Z	LEVER, DOCUMENT DETECT	2
6	PQBCX250Z	витто	ON, FUNCTION		1	300-6	PQUS315Z	SPRING, SENSOR LEVER	2
7	PQBC334T		ON, START		1		PQUS299Z	SPRING	1
8	POBC335T		XN, STOP		1	300-8	PQ0G4Z	GLASS	1
9	PQYGF76XTW	V OPERA	ATION PANEL ASS'Y	′	1	[]	ł		
10	PQHM174Z	ARM-R	1		1		ACCES	SORIES AND PACKING MATERIALS	<u> </u>
11	PQHM175Z	ARM-L			1 1		ACCES	CONTRO NAD I NONING WATERIALS	
12	PQUS10002Y		G, ARM		1	A1	PQJX2PDAG01Y	HANDSET	1 1
13	PQBCX100042		N, DIAL		1	A2	PQJA212N	HANDSET CORD	1 1
14	PQBCX100072	1	N, PAUSE/REDIAL		1 1	A3	PQJA59V	TEL. CORD	1 1
15	PQBC10019Z		N, MONITOR		1	A4	PQHP419Z	RECORDING PAPER	1
16	PQGP10006Z	COVER	•		3	A5	PQQX10121Z	INSTRUCTION BOOK	1
17	PQGK10004Y	ORNAN	MENT		1	A6		MARK SHEET-1	1
18	PQNW368Y	WASHE		İ	1	A7	PQQW10128Z	MARK SHEET-2	1
19	PQQT10214Z	CAUTK	ON LABEL-A		1	AB		MARK SHEET-3	1
00	DOLUMA SECTION		. DE00000000			A9	1	MARK SHEET-4	1
30	PQUV125Y	•	R, RECORDING PAP	'ER	1	A10		PROTECTION COVER (ACCESSORIES)	1
31	PQMD2024X	ANGLE		DED ECC.	1	A11	XZB25X34A04	PROTECTION COVER (DOCUMENTS)	1 1
32 33	PQDN32Z PQHR9718Z		R, RECORDING PAI		1	A12	POHR9723Z	PARTING PLATE B	1 !
34	PQDG5075Z	GEAR	R, RECORDING PA	FEN NOLLEN	2	A13	PQHR9724Z	PARTING PLATE-B	1
35	POMD2029X		, воттом		1	P1	PQPK10151Z	GIFT BOX	١.
36	PQYFF76XTW		R CABINET ASS'Y		1	P2		HANDLE	;
37	PQWAF76XTV		R CORD ASS'Y	▲ l	1	P3	PQPN10038Z	CUSHION-L	1:
38	PQYTKXPW1		RECORDING PAPE	R COVER OPEN	1	P4	PQPN10038Z	CUSHION-R	;
39	PQBD183Y		FRONT LID OPEN	JOVEN OF EN		P5	PQPN10065Z	ACCESSORY BOX	
	,			្យ	'	P6	PQPH79Z	PROTECTION COVER (UNIT)	;
40	PQGP155Z	PANEL	, RECORDING PAPE	ER	1				1
40			PLATE		1	1	1	i e e e e e e e e e e e e e e e e e e e	

Ref. No.	Part No.	Part Name & Description		Pcs	Ref. No.	Part No.	Part Name & Description	Po
	· · · · · · · · · · · · · · · · · · ·	MAIN BOARD PARTS			<u> </u>		(SWITCHES)	†
					SW1	PQSS3B10W	SWITCH, RINGER	1
PCB1	PQWP1F76XTW	MAIN BOARD ASS'Y (RTL)		1	SW2	PQSS2A27W	SWITCH, PROGRAM	1 1
		, , , , , , , , , , , , , , , , , , ,			SW3	PQSS2A27W	SWITCH, PAPER SAVE	1
.	0014000145140	(ICs)			į.		l	
C1	PQVIR96MFXS	IC .	j	1			(TRANSFORMERS)	
C2	PQVIZ8400L8V	IC		1	T1	ETA14Y85AY	COMMUNICATION TRANSFORMER	1
C3	PQWIF76XTW	IC		1	T2	PQLT8F5A	DTMF TRANSFORMER] 1
C4, 5	PQVICX5864MC	ic .	s	2			1	1
C6	PQVIE58R55F	lic		1			1	
C7	PQVIRIP5C62	ic		1	į		(CRYSTAL OSCILLATORS &	1
C8	PQVIM5195BL	ic		1			CERAMIC FILTER)	1
C9	PQVITC4053BF	ic			lu.	DOVE IDAGONOT	1 '	1.
Cs	FQVII C4055BF	, C		1	X1	PQVCJ2400N9Z	CRYSTAL OSCILLATOR	1 1
				_	X2	PQVCJ1600N9Z	CRYSTAL OSCILLATOR	1 1
	PQVINJM082BM	IC .		3	ХЗ	PQVCL3276N6Z	CRYSTAL OSCILLATOR	1
C14	PQVIBA12003	IC		1	X4	PQVBT4.19G2	CERAMIC FILTER	1
C15	PQVI672191F	IC	S	1				1
C16	PQVINJM2901M	lic		1				1
C17	PQVIMT3274AE	ic		1			(CAPACITORS)	1
C19		ic		1	C1	ECQE2E224JZ	0.22	١ ،
~ · · ·		<u> </u>		'				!
600	DO\/IDD=\\0.55	100	اہ		C2	ECEA1HN3R3S	3.3	1
C20		IC	S	1	C3	ECEA1HU3R3	3.3	1
C21-26	PQVINJM4558M	IC		6	C4	ECEA1HU100	10	1
C27	PQVITC4053BF	IC		1	C5	PQCUV1C683MD	0.068	1
					C6	PQCUV1H151JC	150P	1 1
					C9	PQCUV1H221JC	220P	Ιi
		(TRANSISTORS)			ات	. 20011122100		1 '
21	2SB1322	TRANSISTORS/	s	1	C10	PQCUV1E104MD	0.1	1 1
							■	1 '
22, 21	2SB1218A	TRANSISTOR(SI)	s	2	C11	PQCUV1H101JC	100P	1
222, 23, 24	PQVTDTC143E	TRANSISTOR(SI)		- 3	C12	PQCUV1E104MD	0.1	1
225	2SB1218A	TRANSISTOR(SI)	S	1	C13	PQCUV1E104MD	0.1	1
226-31	2SD1819A	TRANSISTOR(SI)	S	6	C14	PQCUV1H151JC	150P	1
Q32, 33	2SB1322	TRANSISTOR(SI)	s	2	C15	PQCUV1E104MD	0.1	1 1
234, 36-39	PQVTDTC143E	TRANSISTOR(SI)	i	5	C16	PQCUV1H101JC	100P	1
240	2SB1322	TRANSISTOR(SI)	s	1	15.5	1	1.55.	1 '
242, 43	2SD1994A	TRANSISTOR(SI)	୍ଧ	2	C21	DOCUME TO AND	0.00	١.
		, ,				PQCUV1E224MD	0.22	1
250	PQVTDTC143E	TRANSISTOR(SI)		1	C22	POCUV1H331JC	330P	1
Q50A	2SC2235	TRANSISTOR(SI)		1	C23	PQCUV1E104MD	0.1	1
Q51	PQVTDTA114YU	TRANSISTOR(SI)		1	C24	PQCUV1H101JC	100P	1
253, 54	2SD1819A	TRANSISTOR(SI)	s	2	C25	PQCUV1H102J	0.001	1 1
					C26	ECEA1HN3R3S	3.3	1
		(2)(2)(2)			1		1	
		(DIODES)			C51	PQCUV1E104MD	0.1	1
D1	PQVDSSV3SS	DIODE(SI)	- 1	1	C52	PQCUV1H103KB	0.01	1
)2	RLS71	DIODE(SI)		1	C53	PQCUV1H103KB	0.01	1
03	PQVDHZS2B1	DIODE(SI)	- 1	1	C54	PQCUV1E104MD	0.1	1
05, 6		DIODE(SI)	- 1	2	C56	PQCUV1E104MD	0.1	1
08	PQVDHZS2B1	DIODE(SI)	- 1	1	C57	PQCUV1E104MD	0.1	1 1
~ I	, GVD, IZOZDI	DIODE(OI)	ł	'	1	Į.	i	
,, l	MA7004	DIODE(e)	į		C58	PQCUV1E104MD	0.1	1 !
		DIODE(SI)		וו	C59	PQCUV1E104MD	0.1	1
		DIODE(SI)	ļ	1	1	ļ		1
D23	RLS71	DIODE(SI)	ı	1	C60	PQCUV1E104MD	0.1	1
024	PQVDHZS3A1	DIODE(SI)	s	1	C61	POCUV1H120JC	12P	1
		DIODE(SI)	-[5	C62	PQCUV1H120JC	12P	1
030		DIODE(SI)	I	1	C63	PQCUV1H180JC	18P	1
		DIODE(SI)	ı					1 1
		, ,	- 1	1	C64	PQCUV1H180JC	18P	1 1
	RLS71	DIODE(SI)	I	4	C65	PQCUV1E104MD	0.1	1
038	MA723	DIODE(SI)	1	1	C66	ECEA1HU4R7	4.7	1
			1	ſ	C67	ECUV1H334ZF	0.33 8	1
041	PQVDHZS2B1	DIODE(SI)	1	1	C68	PQCUV1E104MD	0.1	1
		DIODE(SI)		1	C69	PQCUV1E104MD	10.1	Ιi
_		DIODE(SI)	I	2	1	. GOOT LIVE	l [*] ''	1 '
,		2.22(0)	I	۱ ۲	C70	EC13//4H0047F	lo 22	
_,	DOMDO AND ASE	DIODE (CI)	Į	ا , ا	C70	ECUV1H334ZF	0.33 S	1
)51	PQVDS1YB40F1	DIODE(SI)	ı	1	C72	ECEB0JU220	22	1
			l		C73	ECUV1H334ZF	0.33 S	1
1			- 1	1	C74	PQCUV1H102J	0.001	1
		(PHOTO ELECTRIC TRANSDUCERS)	- 1	I	C75	PQCUV1E104MD	0.1	1
C1	PQVIPC814K	PHOTO COUPLER	- 1	1	C76	PQCUV1E104MD	0.1	1
		PHOTO COUPLER	s	2	C77	PQCUV1H102J	0.001	
, -	. 4411 001/00		ૌ	- 1		1		1 1
			- 1	l	C78	PQCUV1H331JC	330P	1
			J		C79	PQCUV1E104MD	0.1	1
	1	(RELAYS)	J		1			1
LY1	PQSL76Z	RELAY	s	1	C80	PQCUV1E104MD	0.1	1 1
		RELAY	-	1	C81	PQCUV1H103KB	0.01	1
LY2 I			- 1	•				1 1
LY2			, j		C82	PQCUV1H103KB	0.01	1 1

Ref. No.	Part No.	Value	Pcs	Ref. No.	Part No.	Value	Pcs
C83	PQCUV1E104MD	0.1	1			(RESISTORS)	
C85	PQCUV1H330JC	33P	1	R1	ERDS1TJ473	47K	1
C86	PQCUV1H180JC	18P	1	R3	ERDS2TJ120	12	1
C87	PQCUV1E473MD	0.047	1	R4	PQ4R10XJ103	10K	1
C88	PQCUV1E104MD	0.1	1 1	R5	PQ4R10XJ103	10K	1
C89	ECEA1EU470	47 S	1	R6	PQ4R10XJ683	68K	1 1
			1	R7	PQ4R10XJ561	560	1 1
C90	PQCUV1E104MD	0.1	1 1	R8	PQ4R10XJ682	6.8K	1 1
C91	PQCUV1E104MD	0.1	1 1	R9	ERDS2TJ560	56	1 1
C92	PQCUV1E104MD	0.1	1 1				
C93	PQCUV1E104MD	0.1	1 1	R10	PQ4R10XJ103	10K	1 1
C94	PQCUV1H103KB	0.01	i	R11	PQ4R10XJ473	47K	1 1
C95	PQCUV1E104MD	0.1] ;	R12	PQ4R10XJ103	10K	1 1
C96	PQCUV1E104MD	0.1] ;	R13	PQ4R10XJ104	100K	
C97	PQCUV1E104MD	0.1	1 ;	R14	PQ4R10XJ124	120K	1 1
C98	PQCUV1E104MD	0.1	;	R15	PQ4R10XJ104	100K	1 1
C99	PQCUV1E104MD	0.1		R16	PQ4R10XJ104	100K	
	FGCOVIE 104IND	0.1	1 '	R17	PQ4R10XJ104	100K	1 1
C400	DOCUMANA IO	100P					1 ' 1
C100	PQCUV1H101JC	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	R18	PQ4R10XJ124	120K	1 1
C101	PQCUV1E104MD	0.1	1 1	R19	PQ4R10XJ122	1.2K	1 1
C102	PQCUV1E104MD	0.1	1 1	l I	L	1	
C103	PQCUV1H101JC	100P	1 1	R20	PQ4R10XJ223	22K	1 1
C104	PQCUV1H103KB	0.01	1 1	R21	PQ4R10XJ473	47K	1 1
C105	ECEA1EU101	100	3 1	R22	PQ4R10XJ564	560K	1 1
C106	PQCUV1H682KB	0.0068	1	R23	PQ4R10XJ473	47K	1
C107	POCUV1E104MD	0.1	1	R24	PQ4R10XJ394	390K	1 1
C108	PQCUV1E104MD	0.1	1	R25	PQ4R10XJ473	47K	1 1
C109	PQCUV1E104MD	0.1	1 1	R26	PQ4R10XJ564	560K	1 1
				R27	PQ4R10XJ223	22K	1 1
C111, 115, 116	PQCUV1E104MD	0.1	3	R29	PQ4R10XJ682	6.8K	1 1
C118	ECEA1VU221	220	1 1	'			
C119	ECEA1EU101	100		R30	PQ4R10XJ684	680K	1 1
0.10	LOCALLO	1.00	1 '	R31	PQ4R10XJ563	56K	1 1
C120	ECEA1AU221	220	1	R32	PQ4R10XJ104	100K	1 1
C121	ECEA1EU101		3 1 3 1	R33	PQ4R10XJ222	2.2K	
C122	PQCUV1E104MD	1		R34			
L		0.1	1		PQ4R10XJ184	180K	!
C123	PQCUV1E104MD	0.1	1	R35	PQ4R10XJ563	56K	1 1
C124	PQCUV1E104MD	0.1	1 1	R36	PQ4R10XJ563	56K	1 1 1
C125, 127	PQCUV1E104MD	0.1	2	R37	PQ4R10XJ473	47K	1 1
C131	PQCUV1E224MD	0.22	1 1	R43.	PQ4R10XJ104	100K	1 1
C132	PQCUV1C683MD	0.068	1				
	1	1 -	1 !	R44, 45, 46	PQ4R10XJ103	10K	3
C136	PQCUV1E104MD	0.1	1 !	_{D54}	0040404400	4014	
C137	PQCUV1E104MD	0.1	1 1	R51	PQ4R10XJ103	10K	1 !
C138	PQCUV1E104MD	0.1	1 1	R52	PQ4R10XJ475	4.7M	1 1
C139	PQCUV1E104MD	0.1	1	R53	PQ4R10XJ331	330	1 1
		1		R55	PQ4R10XJ000	lo	1 1
C140	PQCUV1E104MD	0.1	1 1	R56	PQ4R10XJ222	2.2K	1 1
		1		R57	PQ4R10XJ472	4.7K	1 1
C155	PQCUV1H681JC	680P	1 1	R58	PQ4R10XJ472	4.7K	1 1
C156	PQCUV1E224MD	0.22	1 1	R59	PQ4R10XJ103	10K	1 1
C157	PQCUV1E104MD	0.1	1 1		1	1	1
C158	PQCUV1E104MD	0.1	1 1	R60	PQ4R10XJ333	33К	1 1
C159	PQCUV1E104MD	0.1	1	R61	PQ4R10XJ103	10K	1 1
	1	1		R62	PQ4R10XJ473	47K	
C162	PQCUV1H103KB	0.01	1 1	R63	ERD25TJ120	12	1 ;
C163	PQCUV1E104MD	0.1	;	R64	ER016CKF8662	86.6K	1 : 1
C164	PQCUV1E104MD	0.1	1 1	R65	PQ4R10XJ563	56K	1 : 1
C165						•	!
	POCUVIHI50JC	15P	1 1	R66	PQ4R10XJ275	2.7M	!
C166	PQCUV1E104MD	0.1		R67	ER016CKF8662	86.6K	!
C167	PQCUV1E473MD	0.047	1 1	R68	PQ4R10XJ272	2.7K	1 !
		la a .	1 . !	R69	PQ4R10XJ683	68K	1
C172	PQCUV1H103KB	0.01	1 1		1	1	1
C177	PQCUV1H332KB	0.0033	1	R70	ER016CKF1002	10K	1 1
C178	PQCUV1H103KB	0.01	1 1	R71	ER016CKF3652	36.5K	1 1
	1	!	1 1	R72	PQ4R10XJ332	3.3K	1 1
C200	PQCUV1E104MD	0.1	1 1	R73	PQ4R10XJ332	3.3K	1 1
	1	I		R74	ERD25TJ271	270	1 1
C600	ECEA1HU3R3	3.3	1	R75	PQ4R10XJ222	2.2K	1 1
C601	ECEA1HU100	10	1 1	R76	PQ4R10XJ562	5.6K	1 1
	1	1		R77	PQ4R10XJ222	2.2K	1 1
C1001	ECSTCM0JD686	68	1 1	R78	PQ4R10XJ472	4.7K	1 1
		1	'	R79	PQ4R10XJ154	150K	
	1	1		11.79	I CALIOVALIDA	1,000	'
	1	1		Beo	DO4D46V 456	1.54	1 .
	1	1		R80	PQ4R10XJ152	1.5K	1 1
	I	1		R81	PQ4R10XJ000	0	1 1 1
		1		R82	PQ4R10XJ223	22K	1 1

Ref. No.	Part No.	Value	Pcs	Ref. No.	Part No.	Part Name & Description	Pcs
R83	PQ4R10XJ682	6.8K	1	R164	PQ4R10XJ101	100	1
R84	PQ4R10XJ471	470		R165	PQ4R10XJ682	6.8K	1
R85	PQ4R10XJ562	5.6K	1 1	R166	PQ4R10XJ103	10K	l 1 l
R86	PQ4R10XJ472	4.7K		R167	PQ4R10XJ000	0	1 1
R87	PQ4R10XJ103	10K		1]
R88	PQ4R10XJ332	3.3K	lil	R171	PQ4R10XJ473	47K	1 1
		1		R172	PQ4R10XJ000	0	lil
R89	PQ4R10XJ182	1.8K	'		i .	47K	1 1
		l	1 . 1	R174	PQ4R10XJ473		
R90	PQ4R10XJ223	22K	1 1	R179	PQ4R10XJ331	330	1
R91	PQ4R10XJ331	330	1				1.1
R92	PQ4R10XJ331	330	1	R180	PQ4R10XJ331	330	1 1
R93	PQ4R10XJ331	330	1 1	R181	PQ4R10XJ331	330	1
R94	PQ4R10XJ331	330	1 1	R182	PQ4R10XJ562	5.6K	1 1
R95	PQ4R10XJ103	10K	1 1	R183	PQ4R10XJ153	15K	1
R96	PQ4R10XJ332	3.3K	1	R185	PQ4R10XJ122	1.2K	1
R97	PQ4R10XJ332	3.3K	1 1	R186	PQ4R10XJ471	470	1
R98	ERDS1TJ122	1.2K	1 1	R187	PQ4R10XJ471	470	1 1
R99	PQ4R10XJ222	2.2K	1	R189	ERDS1TJ330	33	1
R100	ERD25TJ331	330	1	R190	PQ4R18XJ152	1.5K	1 1
R101	PQ4R10XJ332	3.3К	1	R191	PQ4R18XJ473	47K	1
R102	PQ4R10XJ682	6.8K		R192	PQ4R10XJ564	560K	
R103	PQ4R10XJ472	4.7K	i	R194	PQ4R10XJ331	330	lil
R104	PQ4R10XJ103	10K	;	R197	PQ4R10XJ473	47K	i
R105	PQ4R10XJ101	100	;	R198	PQ4R10XJ104	100K	1 ; 1
	PQ4R10XJ222	100 2.2K	¦	R199	PQ4R10XJ331	330	1 1 1
R106			1 1	Luisa	1 G4D (UAJ33)	330	'
R107	PQ4R10XJ182	1.8K		Door.	DO 4 D 4 O V 1004	000	
R108	ER016CKF1201	1.2K	1 1	R201	PQ4R10XJ331	330	!
R109	PQ4R10XJ223	22K	1	R202	PQ4R10XJ331	330	1 1 1
				R203	PQ4R10XJ331	330	1
R110	PQ4R10XJ103	10K	1 1	R206	PQ4R10XJ223	22K	1
R111	PQ4R10XJ103	10K	1 1	R207	PQ4R10XJ102	1K	1 1
R112	ER016CKF1801	1.8K	1 1	R208	PQ4R10XJ334	330K	1 1
R113	PQ4R10XJ102	1K	1	[R209	PQ4R10XJ222	2.2K	1 1
R114	PQ4R10XJ101	100	1 1	1	,		1 1
R115	PQ4R10XJ151	150	1	R212	PQ4R10XJ103	10K	1
R116	PQ4R10XJ272	2.7K	1 1 I	R213	PQ4R10XJ331	330	1 1
R117	PQ4R10XJ272	2.7K	1 1	R214	PQ4R18XJ000	0	1
R118	ER016CKF1501	1.5K	i 1 I	R215	PQ4R10XJ471	470	1 1
R119	PQ4R10XJ222	2.2K	[1]	R216	PQLQR1ET	COIL	1
R120	ERDS1TJ222	2.2K	1 1	R221	PQ4R10XJ564	560K	1
R121	PQ4R10XJ102	1K		R222	PQ4R10XJ272	2.7K	1 1
R122	ERDS1TJ222	2.2K	lil	R223	PQ4R10XJ183	18K	i
R123	PQ4R10XJ103	10K	1 1 1	R225	PQ4R18XJ000	0	1 1
l	PQ4R10XJ103	10K		nees	1 44111000000	ľ	1 ' 1
R124	J.		1 1	Done	PQ4R10XJ103	10K	1 . 1
R125	PQ4R10XJ681	680	!	R236		1	!
R126	PQ4R10XJ103	10K		R237	PQ4R10XJ330	33	!
R127	PQ4R10XJ103	10K	1	R238	PQ4R10XJ330	33	!
R131	PQ4R10XJ473	 47K	1 1	R239	PQ4R10XJ471	470	1
R132	•	47K		R240	PQ4R10XJ472	4.7K	1 1
1	PQ4R10XJ473		1 1	R241	PQ4R10XJ472	47K	
R133	PQ4R10XJ473	47K		4	•	1	
R134	PQ4R10XJ473	47K	!	R242	PQ4R10XJ564	560K	'
R135	PQ4R10XJ563	56K	!	DECO	DOAD TO THE	124	,
R136	PQ4R10XJ682	6.8K	1 1	R500	PQ4R10XJ123	12K	1 !
R137	PQ4R10XJ563	56K		R501	PQ4R10XJ562	5.6K	1 1
R138 R139	PQ4R10XJ563 PQ4R10XJ682	56K 6.8K					
11135	GHT IVAJOO2	0.01	'			(BATTERY & CONNECTORS)	
R140	PQ4R10XJ331	330	1	BA1	BR2032/1HF1	LITHIUM BATTERY	1 1
R141	PQ4R10XJ331	330	1				
R142	PQ4R10XJ682	6.8K	lil	CN1	PQJP13A12Z	CONNECTOR, 13P	1 1
R143	PQ4R10XJ563	56K	lil	CN2	PQJS23X59Z	CONNECTOR, 23P	i
R144	PQ4R10XJ563	56K	lil	CN3	PQJP8G100Z	CONNECTOR, 8P	lil
R145	PQ4R10XJ682	6.8K	lil	CN4	PQJP4G91Z	CONNECTOR, 4P	lil
	. 4.11.07.0002	[· · · · ·	'	CN5	PQJP2D121Z	CONNECTOR, 2P	lil
R151	PQ4R10XJ683	68K	1 1	CN6	PQJP6D121Z	CONNECTOR, 6P	lil
				CN7		•	
R154	PQ4R10XJ473	47K	1	l l	PQJP9G30Z	CONNECTOR, 9P	4
R157	PQ4R10XJ473	47K	1 1	CN8	PQJP7G90Z	CONNECTOR, 7P	!
R158	PQ4R10XJ473	47K	1 1	CN9	PQJP7G100Z	CONNECTOR, 7P	1 1
R159	PQ4R10XJ473	47K	1	CN10	PQJP2G100Z	CONNECTOR, 2P	1 1
		ł	j i	CN11	PQJS18R02Z	CONNECTOR, 18P	1
R160	PQ4R10XJ681	680	1	1			
R161	PQ4R10XJ121	120	1	CN501, 502	PQJS10A01Z	CONNECTOR, 10P	2
R162	PQ4R10XJ271	270	1 1	1	1		
R163	PQ4R10XJ181	180	l 1 l	1	1		1

Ref. No.	Part No.	Part Name & Description	Pcs	Ref. No.	Part No.	Part Name & Description	Pcs
	OPI	RATION BOARD PARTS	L	Q102	PQVTBB1A4A	TRANSISTOR(SI)	1
				Q103	2SD1994A	TRANSISTOR(SI)	1
PCB2	PQWP2F76XTW	OPERATION BOARD ASS'Y (RTL)	1	Q105	2SB1218A	TRANSISTOR(SI)	
1002	I GIVI ZI TOXI IV	OF ETATION BOARD ASS T (ITTE)	! '	l t	2SD1819A		1
	i			Q106, 107		TRANSISTOR(SI) S	
	ľ		1	Q108	PQVTBB1A4A	TRANSISTOR(SI)	1
	1	(DIODES)	1	Q109	PQVTDTA114YU	TRANSISTOR(SI)] 1
LED1	PQVDGL1D11E	LED	1 1	Q110, 111	2SD1819A	TRANSISTOR(SI) S	2
LED2	PQVDGL1E11C	LED	1 1	1	ļ	i	1
LED3	LN376GCPX	LED		Q201	2SD1994A	TRANSISTOP(SI)	1
LED4	LN876RCPX	LED	1 1	19201	23013347	117443131017,31)	1 '
	T .		1 1		ŀ		ļ
LED5	PQVDGL1D11E	LED	1 1				1
			1			(DIODES)	i
	1	i		D1, 2	1SS131	DIODE(SI)	2
	i	(PHOTO ELECTRIC TRANSDUCERS)		D3	RLS71	DIODE(SI)	1
PC201, 203	PQVIPS4506	SENSOR, S	4	D4	188131	DIODE(SI)	1 1
,301, 303		· ·	1 1	D5, 10	RLS71	DIODE(SI)	2
,,	1			120, 10	1.207	5.052(0.)	l ~
			1 1	D11	MA4300	DIODE(EI)	١.,
	·	(CMITCHEO)	1 1	. 1		DIODE(SI)	1
		(SWITCHES)		D12	MA4150	DIODE(SI)	1
SW1	EVQ22405K	SWITCH,	[1]	D14	PQVD0R5G4B42	DIODE(SI)	1
SW2	EVQ22405K	SWITCH,	[1]	D15	RLS71	DIODE(SI)	1
SW3	EVQ22405K	swiтch,	1 1		l		I
SW4	EVQ22405K	switch,		D105, 106, 107	RLS71	DIODE(SI)	4
SW5		SWITCH.	1 1			5.002(01)	Ι ,
	EVQ22405K		1	,110	l <u></u>	l	l I
SW6	PQSH1A43Z	SWITCH,	[1]	D111	MA700A	DIODE(SI)	1
SW7	PQSH1A43Z	SWITCH,	1 1	D112	PQVDMTZ4R7	DIODE(SI)	1
SW8	PQSH1A43Z	SWITCH,	1	D113, 120, 121	RLS71	DIODE(SI)	3
SW9	PQSH1A43Z	SWITCH.	1 1	D124	155131	DIODE(SI)	1
SW10	PQSH1A43Z	SWITCH,	1	D126	PQVDMTZ5R6	DIODE(SI)	1
SW11	PQSH1A43Z			10120	F GVDIVIT Z3NO	DIODE(31)	i '
	1	SWITCH,	1 1	L			l
SW12	PQSH1A43Z	SWITCH,	1 1	D201	RLS71	DIODE(SI)	1
SW13	PQSH1A43Z	SWITCH,	1	D202	PQVDRLZ5R6	DIODE(SI)	1
SW14	PQSH1A43Z	SWITCH,	1 1	D203	RLS71	DIODE(SI)	1
SW15	EVQ22405K	ѕwітсн,	1 1	D204	PQVDAK04A	DIODE(SI)	1 1
SW16	PQSH1A43Z	SWITCH,	1				· ·
SW17	i .	1 '				(SOIL S)	ļ
	PQSH1A43Z	SWITCH,	1	1.		(COILS)	
SW18	PQSH1A43Z	SWITCH,	1	L1, 2	PQLE106	COIL	2
SW19	EVQ22405K	SWITCH,	1	ł			1
	1					(PHOTO ELECTRIC TRANSDUCERS)	1
	ļ			PC1	PQVIPC357C	PHOTO COUPLER	1
	}	(CONNECTORS)					
CN1, 2	PQJS7R40Z	CONNECTOR, 7P	ا م ا	DC101 100 100	DOMBOSEZO	PLIOTO COLIDI ED	40
ONI, Z	FG037H40Z	CONNECTOR, /F	2	PC101, 102, 103	PUVIPU357U	PHOTO COUPLER	10
				,105, 106, 107			i
CN101	PQJS23X62Z	CONNECTOR, 23P	1	,108, 111, 112			
CN102	PQJS12X62Z	CONNECTOR, 12P	1	,113			
CN103	PQJP14G105Z	CONNECTOR, 14P	1 1			'	1
CN104, 105	PQJP2G105Z	CONNECTOR, 2P	2			(RELAY)	
_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1	00.11,21	_	DI VA	DOC: 007	RELAY	١.
				RLY3	PQSL29Z	HELAY	1
	į.						
	<u> </u>					(SWITCHES)	
	TEI	EPHONE BOARD PARTS	- 1	SW1	PQSS2A27W	SWITCH, TONE/PULSE	1
			J	SW2	PQSS2A27W	SWITCH, VOLUME	1
PCB3	POWP3F76XTW	TELEPHONE BOARD PARTS (RTL)	1	sw3	ESE14A211	SWITCH, HOOK	1 1
		(interest and interest and	'	3	LUCITACII	5 51, 1100K	l '
	I	İ	,				l
	1	l _{us} ,	1				l
	1	(ICs)				(TRANSFORMERS)	l
IC1	PQVIBA8205F	IC	1	T1	PQLT2D2A	TRANSFORMER	1
IC2	PQVIMC34119M	ic	1	T2	PQLT8D2A	TRANSFORMER	1
IC3	1	ic	1	_		=	'
		j	'	T201	DOLTO774	TRANSFORMER	١.
10101	DOM 070			T201	PQLT9Z7A	TRANSFORMER	1
IC101	PQVILC73721M	IC	1				l
IC102	PQVIBA6566F	IC	1			(VARIABLE RESISTOR)	l
IC103	PQVISV7860SG	IC	1	VR1	PQVAL204B24A	VOLUME CONTROL, 20KΩ (B) S	1
	1]	ı		,	,	l .
			ı i			(CERAMIC FILTER)	i
	1	l l		l.,,	PQVBT3.58G8	CERAMIC FILTER	١.
		(TRANSISTORS)	ļ		- 110 D L 1 DAU1A	IVEDAMIC FILLER	1
03	2541626	(TRANSISTORS)		X1			
Q3	2SA1626	TRANSISTOR(SI)	1	X1	. 47575.5545		
Q4	2SD662B	TRANSISTOR(SI) TRANSISTOR(SI)	1	XI	1 47510.0040	(CAPACITORS)	
		TRANSISTOR(SI)		C1	ECQE2105KF		1
Q4 Q5	2SD662B PQVTDTC143E	TRANSISTOR(SÍ) TRANSISTOR(SI) TRANSISTOR(SI)	1	C1	ECQE2105KF	(CAPACITORS)	
Q4	2SD662B PQVTDTC143E	TRANSISTOR(SI) TRANSISTOR(SI)	1	C1 C2	ECQE2105KF ECEA1HU220	(CAPACITORS) 1 22	1
Q4 Q5 Q6	2SD662B PQVTDTC143E PQVTDTA114YU	TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI)	1 1 1	C1 C2 C4	ECQE2105KF ECEA1HU220 PQCUV1H682KB	(CAPACITORS) 1 22	1
Q4 Q5 Q6 Q11	2SD662B PQVTDTC143E PQVTDTA114YU 2SD1819A	TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI)	1 1 1	C1 C2 C4 C5, 6	ECQE2105KF ECEA1HU220 PQCUV1H682KB ECEA1HKS010	(CAPACITORS) 1 22 0.0068 1	1
Q4 Q5 Q6 Q11	2SD662B PQVTDTC143E PQVTDTA114YU	TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI)	1 1 1	C1 C2 C4	ECQE2105KF ECEA1HU220 PQCUV1H682KB	(CAPACITORS) 1 22 0.0068 1	1
Q4 Q5	2SD662B PQVTDTC143E PQVTDTA114YU 2SD1819A	TRANSISTOR(SÍ) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) STRANSISTOR(SI)	1 1 1	C1 C2 C4 C5, 6	ECQE2105KF ECEA1HU220 PQCUV1H682KB ECEA1HKS010	(CAPACITORS) 1 22 0.0068 1	1 1 2
Q4 Q5 Q6 Q11 Q12 Q13, 14	2SD662B PQVTDTC143E PQVTDTA114YU 2SD1819A PQVTDTC143E 2SD1819A	TRANSISTOR(SÍ) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) S	1 1 1 1 2	C1 C2 C4 C5, 6 C7	ECQE2105KF ECEA1HU220 PQCUV1H682KB ECEA1HKS010 PQCUV1H821JC	(CAPACITORS) 1 22 0.0068 1 820P	1 1 2 1
Q4 Q5 Q6 Q11 Q12	2SD662B PQVTDTC143E PQVTDTA114YU 2SD1819A PQVTDTC143E	TRANSISTOR(SÍ) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) STRANSISTOR(SI)	1 1 1	C1 C2 C4 C5, 6 C7	ECQE2105KF ECEA1HU220 PQCUV1H682KB ECEA1HKS010 PQCUV1H821JC	(CAPACITORS) 1 22 0.0068 1 820P	1 1 2 1
Q4 Q5 Q6 Q11 Q12 Q13, 14	2SD662B PQVTDTC143E PQVTDTA114YU 2SD1819A PQVTDTC143E 2SD1819A	TRANSISTOR(SÍ) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) TRANSISTOR(SI) S	1 1 1 1 2	C1 C2 C4 C5, 6 C7	ECQE2105KF ECEA1HU220 PQCUV1H682KB ECEA1HKS010 PQCUV1H821JC	(CAPACITORS) 1 22 0.0068 1 820P 0.22 0.1	1 1 2 1

Ref. No.	Part No.	Value	Pcs	Ref. No.	Part No.	Value	Pcs
C14	PQCUV1E104MD	0.1	1	R7	PQ4R10XJ393	39K	1
C15	PQCUV1H272KB	0.0027	1	R8	PQ4R10XJ562	5.6K	1
C16	ECEA1CKS100	10	1	R9	PQ4R10XJ000	lo	1
C17, 18	ECEA1AU101	100 S	2	1	į.		1
•				R10	PQ4R10XJ104	100K	1
C20	ECEA1HKS010	1	1 1	R11	PQ4R10XJ105	1M	1
C21	PQCUV1H102J	0.001	1 1	R12	PQ4R10XJ472	4.7K	1
C22	ECEA1HKSR22	0.22	1	R14	PQ4R10XJ683	68K	1
C23	PQCUV1E104MD	0.1	1	R15	PQ4R10XJ564	560K	1
C25	PQCUV1C224ZF	0.22	1	R17	PQ4R10XJ683	68K	1
C26	PQCUV1E104MD	0.1	1 1	R18	PQ4R10XJ472	4.7K	1
C27	PQCUV1E104MD	0.1	1 1	1110	1 G41110X0472	7.71	1
027	PUCOVIE 104MD	0.1	' 1	R20	PQ4R10XJ182	1.8K	İ
C20	PQCUV1H332KB	0.0033	,	R22	PQ4R10XJ222	2.2K	l i
C30	1	0.0033		R23	PQ4R10XJ102	1K	1
C31	PQCUV1H103KB	0.01	' 1	R24	PQ4R10XJ102	10K	
0400	F05 441 11/0 D 47	0.47		_	I .		
C102	ECEA1HKSR47	0.47	1	R25	PQ4R10XJ821	820	!
C103	PQCUV1C823KB	0.082	1 1	R26	PQ4R10XJ821	820	!
C104	PQCUV1E153MD	0.015	1 1	R27	PQ4R10XJ562	5.6K	1 1
C105	PQCUV1H682KB	0.0068	1	R28	PQ4R10XJ223	22K	1
C106	PQCUV1H471JC	470P	1				Ι.
C107	PQCUV1E333MD	0.033	1	R30	PQ4R10XJ473	47K	1 1
C108	PQCUV1E333MD	0.033	1	R31	PQ4R10XJ473	47K	1
C109	PQCUV1H471JC	470P	1	R35	PQ4R10XJ474	470K	1
	l			R36	PQ4R10XJ470	47	1
C110	ECEA1CKS220	22	1	R37	PQ4R10XJ334	330K	1
C111	ECEA1CKS100	10	1	1	1		l
C112, 113	ECEA1HKS4R7	4.7 S	2	R40	PQ4R10XJ103	10K	1 1
C114	PQCUV1H103KB	0.01	1	R41	PQ4R10XJ000	o	1
	İ			R42	PQ4R10XJ103	10K	1
C121, 122	ECEA1HKS4R7	4.7 S	2	R43	PQ4R10XJ103	10K	1
C123	ECEA1AU221	220 S	1	R45	PQ4R10XJ103	10K	1
C126	ECEA1HKS010	1	1 1	R48	PQ4R10XJ101	100	1 1
		1	· 1	R49	PQ4R10XJ104	100K	1
C131	PQCUV1H103KB	0.01	1	1,,,,	1 4 11 11 10 10 10 1		•
C132	PQCUV1E104MD	0.1	1 1	R50	PQ4R10XJ000	lo	1
C133	PQCUV1E104MD	0.1	1	R51	PQ4R10XJ102	liκ	
C135	PQCUV1E104MD	0.1		R52	PQ4R10XJ000	0	;
	PQCUV1E104MD	0.1		R53	PQ4R10XJ473	47K	;
C136				nos	FG4H10A3473	14/1	l '
C139	PQCUV1H103KB	0.01	1	D400	DO ADARY IRRO	0.01	Ι.
l				R102	PQ4R10XJ222	2.2K	1
C140	PQCUV1H101JC	100P	1	R103	PQ4R10XJ102	1K	1 1
C141	PQCUV1H103KB	0.01	1	R104	PQ4R10XJ470	47	1 1
C143	ECEA1AU221	220 S	1	R105	PQ4R10XJ471	470	1 1
C145	ECEA1HKS4R7	4.7 S	1	R106	PQ4R10XJ103	110K	1
C147	PQCUV1H183MD	0.018 S	1	R109, 110	PQ4R10XJ153	15K	2
		1					
C150	PQCUV1H103KB	0.01	1	R111	PQ4R10XJ204	200K	1
C151	PQCUV1H103KB	0.01	1	R112	PQ4R10XJ473	47K	1
C152	PQCUV1H471JC	470P	1	R113	PQ4R10XJ222	2.2K	1
C155-162	PQCUV1H101JC	100P	8	R114	ERDS1TJ560	56	1
				R115	PQ4R10XJ103	10K	1
C163	PQCUV1C224ZF	0.22	1 1	R118	PQ4R10XJ222	2.2K	1 1
C165	PQCUV1E104MD	0.1	1	1			
C166	PQCUV1H102J	0.001	1 1	R122	PQ4R10XJ271	270	1
C167	PQCUV1H682KB	0.0068	1	R123	PQ4R10XJ000	0	1
1		1	'	R125	PQ4R10XJ104	100K	;
C201	ECEA1AU101	100 S	1	R126	PQ4R10XJ000	0	;
C202, 203, 204		0.01	3	R127	PQ4R10XJ155	1.5M	li
C202, 203, 204 C205	ECEA1HKS4R7	4.7 S	1	R128	PQ4R10XJ155	1.5M	;
		17.7 S	2	R129, 130		1.5M 100K	2
C206, 209	PQCUV1H105JC	I'		[D129, 130	PQ4R10XJ104	Took	
C210	DOCUMETOTICS	l	,	امرا	DOADANY ISSA	600	١.
C210	PQCUV1E104MD	0.1	1	R131	PQ4R10XJ681	680	1 !
C210A	ECST1AX106	10	1	R132	PQ4R10XJ473	47K	1 !
C350	PQCUV1E104MD	0.1	1	R133	PQ4R10XJ222	2.2K	1 !
		1		R135	PQ4R10XJ104	100K	1 !
		I		R136	PQ4R10XJ472	4.7K	1 1
		(RESISTORS)		R137	PQ4R10XJ000	0	1
J102	PQ4R10XJ000	0	2	R139	PQ4R10XJ224	220K	1
J103	PQ4R18XJ000	0	1	[I
		1		R140	PQ4R10XJ472	4.7K	1
R1	ERDS1TJ622	6.2K	1 1	R141	PQ4R10XJ103	10K	1
R2	PQ4R10XJ102	1K		R142	PQ4R10XJ472	4.7K	i
R3	PQ4R10XJ000	6			PQ4R10XJ104	100K	3
	1	\	1 1		I.		2
R4	PQ4R10XJ123	12K	1 1	R146, 147	PQ4R10XJ682	6.8K	
R5	PQ4R10XJ334	330K	1 1	R148, 152	PQ4R10XJ000	0	2
R6	PQ4R10XJ184]180K			I	I	l

	Part No.	Part Name & Description	Pcs	Ref. No.	Part No.	Part Name & Description	Pcs
R153	PQ4R10XJ472	4.7K	1		<u>L</u>	IMAGE BOARD PARTS	.i
R154	PQ4R10XJ000	0	1				
R155	PQ4R10XJ824	820K	1	PCB4	PQWP8PW1TNL	IMAGE BOARD ASS'Y (RTL)	1
R156	PQ4R10XJ104	100K	1				
R157	PQ4R10XJ564	560K	1 1				1
R158	PQ4R10XJ271	270	1]			(ICs)	1
R159	PQ4R10XJ472	4.7K	1 [IC900	PQVICX5864MC	lic s	1
	Ì		1	IC901	PQVI09JN003A	ic s	1 1
R161	PQ4R10XJ682	6.8K	1 1	IC902	PQVISN7H244S	lic s	1
R163	PQ4R10XJ682	6.8K	l i l	IC903	PQVISN7H373S	ic s	
R164	PQ4R10XJ682	6.8K	i	IC904	PQVILC89066M	ic	1
R166	PQ4R10XJ104	100K	l i l	IC905	PQVITC7H404F	ic	1 1
				IC908	PQVITC7H00F	ic s	
R167	PQ4R10XJ104	100K	1 1		1	lic s	1
R168	PQ4R10XJ224	220K	1 1	IC909	PQVIPD7HU04S		1
R169	PQ4R10XJ224	220K	1 1	}	İ		
R170	PQ4R10XJ152	1.5K	1			(COMPONENTS COMBINATIONS)	1
R172	PQ4R10XJ392	3.9K	1	RA901	EXBF7E473JYV	RESISTOR ARRAY	1
R176	PQ4R10XJ102	1K	1	RA902	EXBF9E473JYV	RESISTOR ARRAY	1
R177	PQ4R10XJ102	1K	1	ł			
R178	PQ4R10XJ104	100K	1	Į			
R179	PQ4R10XJ334	330K	1 1	1		(CAPACITORS)	1
,			' I	C901	ECEA1VKS4R7	4.7	1 1
D100	DOADAN INGA	390K	,	C901	PQCUV1H330JC	133P	;
R180	PQ4R10XJ394		! !				
R181	PQ4R10XJ103	10K	1	C904	PQCUV1H330JC	33P	1 1
R182	PQ4R10XJ224	220K	1	C906-912	PQCUV1E104MD	0.1	7
R183	PQ4R10XJ104	100K	1			1 _	1
R185	PQ4R10XJ224	220K	1	C914	PQCUV1H221JC	220P	1
R187	PQ4R10XJ224	220K	1	C915	PQCUV1E104MD	0.1	1
R188	PQ4R10XJ104	100K	1	C916	PQCUV1E104MD	0.1	1
R189, 190	PQ4R10XJ332	3.3К	2	1			1
			ŀ	- }		(RESISTOR)	1
R191	PQ4R10XJ104	100K	1	R913	PQ4R10XJ102	1K	1
R192	PQ4R10XJ333	33K	1	1			1
		6.8K		j	1	(CONNECTORS)	1
R193	PQ4R10XJ682	1		011001 000	0010400007	1.	١.,
R194	PQ4R10XJ222	2.2K	1	CN901, 902	PQJS10R03Z	CONNECTOR, 10P	2
R195	PQ4R10XJ562	5.6K	1	CN903	PQJS12X54Z	CONNECTOR, 12P	1 1
R196	PQ4R10XJ102	1K	1	CN904	PQJS08R03Z	CONNECTOR, 8P	1
R197	PQ4R10XJ102	1K	1		DOW!	D CHRILLY BOARD BARTS	.1
					POWE	ER SUPLLY BOARD PARTS	
R201	PQ4R10XJ472	4.7K	1		r-:		
R202	PQ4R10XJ223	22K	1	PCB5	POLP050Z	POWER SUPPLY BOARD ASS'Y (RTL)) 1
R203	PQ4R10XJ471	470	1				
R205	PQ4R10XJ102	1K	1				
						(ICs)	
R300	PQ4R10XJ000	0	1	IC401	PQVIM51977P	IC .	1
				IC402	PQVIUPC1093J	lic s	3 1
R310	PQ4R10XJ104	100K	1 1	IC403	PQVINJ2360D	lic s	1
R311	PQ4R10XJ000	0	1 1	IC404, 405	PQVITA7812AP	IC S	3 2
R315	PQ4R10XJ223	22K	1		1		
R316	PQ4R10XJ103	10K			1		1
			1	ŀ	İ	(TRANSISTORS)	
R317	PQ4R10XJ473	47K			001/4574	1.	1 .
R318	PQ4R10XJ124	120K	1	Q401	2SK1574	TRANSISTOR(SI)	1 !
	I			Q404	PQVTDTC143XS	TRANSISTOR(SI)	1 1
				Q405	2SJ176	TRANSISTOR(SI)	1
		(JACK, CONNECTORS & OTHER)	1	Q406	2SD1266	TRANSISTOR(SI)	1
H/S JACK	PQJJ1TB18Z	HANDSET JACK	1 1	1			1
1. 20 07.01	1	1		1	1		1
	1			1	I	(DIODES)	1
CN1	PQJS9X54Z	CONNECTOR, 9P	1 1	.		DIODE(SI)	1
	PQJS9X54Z PQJS13X54Z	CONNECTOR, 9P CONNECTOR, 13P	1 1	D401	PQVDD3SBA40S	וטוסטבנטון	3 1 '
CN1	1			D401 D402	PQVDD3SBA40S PQVD1JU41	DIODE(SI)	1 ;
CN1 CN2	PQJS13X54Z	CONNECTOR, 13P	1	h			
CN1 CN2 CN3	PQJS13X54Z PQJP2D70Y	CONNECTOR, 13P CONNECTOR, 2P	1 1	D402	PQVD1JU41	DIODE(SI) DIODE(SI)	1
CN1 CN2 CN3	POJS13X54Z POJP2D70Y POJP06A14Z	CONNECTOR, 13P CONNECTOR, 2P	1 1 1	D402 D403	PQVD1JU41 PQVD1GU42	DIODE(SI) DIODE(SI) DIODE(SI)	1 1
CN1 CN2 CN3 CN4	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P	1 1 1	D402 D403 D404 D405	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1
CN1 CN2 CN3 CN4 CN101 CN102	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P	1 1 1 1 1	D402 D403 D404 D405 D407	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102 CN103	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z PQJS18R02Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P CONNECTOR, 18P	1 1 1 1 1 1	D402 D403 D404 D405 D407 D408	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41 PQVD1GU42	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P	1 1 1 1 1	D402 D403 D404 D405 D407	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102 CN103 CN104	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z PQJS18R02Z PQJS08R02Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P CONNECTOR, 18P CONNECTOR, 8P	1 1 1 1 1 1 1 1	D402 D403 D404 D405 D407 D408 D411	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41 PQVD1GU42 PQVDAK04	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102 CN103	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z PQJS18R02Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P CONNECTOR, 18P	1 1 1 1 1 1	D402 D403 D404 D405 D407 D408	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41 PQVD1GU42	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102 CN103 CN104	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z PQJS18R02Z PQJS08R02Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P CONNECTOR, 18P CONNECTOR, 8P	1 1 1 1 1 1 1 1	D402 D403 D404 D405 D407 D408 D411	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41 PQVD1GU42 PQVDAK04	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102 CN103 CN104	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z PQJS18R02Z PQJS08R02Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P CONNECTOR, 18P CONNECTOR, 8P	1 1 1 1 1 1 1 1	D402 D403 D404 D405 D407 D408 D411	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41 PQVD1GU42 PQVDAK04	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102 CN103 CN104	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z PQJS18R02Z PQJS08R02Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P CONNECTOR, 18P CONNECTOR, 8P	1 1 1 1 1 1 1 1	D402 D403 D404 D405 D407 D408 D411	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41 PQVD1GU42 PQVDAK04	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102 CN103 CN104	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z PQJS18R02Z PQJS08R02Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P CONNECTOR, 18P CONNECTOR, 8P	1 1 1 1 1 1 1 1	D402 D403 D404 D405 D407 D408 D411 ZD401 ZD402	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41 PQVD1GU42 PQVDAK04 MA4270 MA4062	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI)	1 1 1 1 1 1 1
CN1 CN2 CN3 CN4 CN101 CN102 CN103 CN104	PQJS13X54Z PQJP2D70Y PQJP06A14Z PQJS9X54Z PQJS13X54Z PQJS18R02Z PQJS08R02Z	CONNECTOR, 13P CONNECTOR, 2P CONNECTOR, 6P CONNECTOR, 9P CONNECTOR, 13P CONNECTOR, 18P CONNECTOR, 8P	1 1 1 1 1 1 1 1	D402 D403 D404 D405 D407 D408 D411 ZD401 ZD402	PQVD1JU41 PQVD1GU42 PQVD1GU42 PQVDD10LC20U PQVD0R8DU41 PQVD1GU42 PQVDAK04 MA4270 MA4062 PQBA1C50NBKL	DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) DIODE(SI) (FUSES) FUSE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Ref. No.	Part No.	Part Name & Description		Pcs	Ref. No.	Part No.	Part Name & Description	Pcs
		(COILS)	_		R412	ERDS1TJ181	180	1
L401, 402	ELF18D290	COIL	⚠	2	R413	ERDS2TJ331	330	1 1
L403	PQLE119	CHOKE COIL		1	R414	ERDS2TJ331	330	1
L404-407	ELEXT5R6KA	COIL		4	R415	ERDS2TJ273	27K	1
1					R416	ERX3SJR10	0.1	1
					R417	ERX3SJ5R6	5.6	1
		(PHOTO ELECTRIC TRANSDUCERS))	- 1	R418	ERG2SJ221	220	1 1
PC401, 402	PQVIPC817K	PHOTO COUPLER	s	2	R419	ER016CKF1002	10K	1
. 0 10 1, 102	1 41 551711			-	R420	ER016CKF1131	1.13K	1
	i	1		ĺ	R421	ERG1SJ561	560	1
		(VARISTORS)			R422	ERD25TJ472	4.7K	1
SA401	PQVDSAE310F1	VARISTOR (SURGE ABSORBER)		1	R423	ERD25TJ472	4.7K	1 1
SA402, 403	PQVDDSS301F	VARISTOR (SURGE ABSORBER)		2	R424	ER016CKF1201	1.2K	1
34402, 403	Pavbb333011	VARISTON (SONGE ABSONBER)		٠	R425	ER016CKF3651	3.65K	1 ;
Z401	ERZC10DK391U	VARISTOR		1	R426	ERDS1TJ101	100	
Z401 Z402		VARISTOR	₾	- : 1	R427			
2402	ERZC10DK182	VARISTOR	⚠	'		ERG2SJ122	1.2K	1 1
				1	R428	ERX1SJR22	0.22	1 1
		CTUEDI HOTODO		- 1	R440	ERDS2TJ121	120	1
		(THERMISTORS)			l .			1
TH401	PORTD5FFL8R0	THERMISTOR		1	l	i		
TH402	PORTEOFFF103	THERMISTOR		1		1	(JACK & CONNECTORS)	1
	i	1		[J401, 402	PQJJ1TA14Y	TEL. JACK	2
]	(TRANSFORMER)				1	1	
T401	ETS28K800A	TRANSFORMER		1	CN401	PQJP2D98Z	CONNECTOR, 2P	1
	1			1	CN402	PQJP10G43Z	CONNECTOR, 10P	1
	}	(CAPACITORS)			CN403	PQJP13A12Z	CONNECTOR, 13P	1 1
C401	ECQE1A224KF	0.22	⚠	1	CN404	PQJP4G91Z	CONNECTOR, 4P	1
	ECKZRS222ME	0.0022	$\overline{\mathbb{A}}$	1	CN405	PQJP06A13Z	CONNECTOR, 6P	1
	ECKZRS222ME	0.0022	₩ ₩	i		I	l "" "	1
	ECQE1A224KF	0.22	$\overline{\Delta}$	1		<u> </u>	LCD BOARD PARTS	
	ECKDRS332ME	0.0033		- i	l		200 007.110 7711110	
C406	ECKDRS332ME	0.0033		i	PCB6	PQLP036Y	LCD BOARD ASS'Y (RTL)	1 1
C407	ECQE6473B	0.047		il	1.000	1 42, 5551	Les Berins rice (rive)	1 '
1	ECES2DA221CX	220		i	Ì]	(IC)	
	ECQV1H104JZ	0.1		1	IC1	PQVIHD44780	IC	1 1
	1	0.01		1	lic i	FGVIND44760	¹⁰	1 '
	ECQV1H103JZ			1	į		(CARACITORS)	
C411	ECQB1H391KF	390P		1		DOO! 11/45 40 41 10	(CAPACITORS)	1.
	ECQV1H154JZ	0.15		1	C1	PQCUV1E104MD	0.1	1 1
C413	ECQV1H104JZ	0.1		1	C2	ECUV1H104MD	0.1	1
	ECQV1H104JZ	0.1		1	1			
	ECEA1VGE220	22		1	l	ļ		1
	ECEA1VGE101	100		1		1	(RESISTORS)	
C417	ECKZRS102ME	0.001		1	R1	PQ4R18XF9092	90.9K	1
C418	ECEA1VGE471	470		1	R2-6	PQ4R18XF8201	8.2K	5
C419	ECQV1H104JZ	0.1		1	ļ			1
C420	ECEA1VGE471	470		1	İ	1		
C421	ECQV1H104JZ	0.1		1		•	(OTHERS)	
C422	ECEA1VGE471	470		1	E10	PQADCG794TSA	LIQUID CRYSTAL DISPLAY	1
	ECCD1H101JC	100P		1	E11	PQJE134Z	CONNECTOR	2
	ECQV1H104JZ	0.1		1 L	E12	PQMD91Z	FRAME	1
	ECEA1AGE102	1000	- 1	i	1	1	I <u>-</u>	1
I	ECQV1H104JZ	0.1	1	il			1	1
1	ECKD3A221KBN	220P	- 1	i	1	1	1	1
I	ECEA1HGE101	100		1		j .		
	ECEATEGE101	100		1		1	1	
	ECKD3A221KBN	1			1			1
		220P		!	1	[1
	ECEA1VGE101	100		1	1			
	ECEA1EGE470	47		1	1	1	1	1
	ECKD3A221KBN	220P		1	1			1
	ECQV1H104JZ	0.1		1				1
	ECQV1H104JZ	0.1		1	1		1	1
	ECKD3A221KBN	220P		1	1	1	l	l
C437	ECQV1H104JZ	0.1		1	1	1		
	1	1		1	1			
	1	1			1	1		1
]	(RESISTORS)			1	1		1
R401	ERDS1TJ474	470K	ŀ	1		1		1
R402	ERG2SJ104	100K		1		1		1
	ERG2SJ683	68K	ŀ	1	1	1	1	1
	ERG2SJ683	68K	- 1	i	1	1	1	1
	ERDS1TJ270	27	- 1	i 1		1		1
	ERDS2TJ391	390	ļ	i		1	1	1
	ERDS2TJ123	12K	- 1	i	1	1	1	1
	ERDS2TJ123	10K	- 1			1		1
111700	ER05213103 ER016CKF2212		ı	1	Ī	1		1
DAGO		22.1K	- 1	1	1	I	1	1
			- 1	4 1	1		i e	1
R410	ERDS2TJ103 ER016CKF1472	10K 14.7K		1				